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Commercial Database Search for 09/141264

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*	Prepared for: Robert Downs, 2165	*
*		*
*	By : Ellen Lytton, EIC2100 308-7993	*
*		*
*	Date : May 14, 2001	*
*		*

Robert:

Attached is the travel planner search that you requested. I search each of your major points separately. There are three documents that appear to be on point. Please let me know if you would like to refocus or modify the search in any way.

Ellen

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200124
(c) 2001 Derwent Info Ltd
File 347:JAPIO OCT 1976-2001/JAN(UPDATED 010507)
(c) 2001 JPO & JAPIO
File 344:CHINESE PATENTS ABS APR 1985-2001/Feb
(c) 2001 EUROPEAN PATENT OFFICE

Set	Items	Description
S1	1801	(TRAVEL??? OR TRIP? ? OR ITINERAR?) (5N) (SCHEDUL? OR PLAN? ? OR PLANN?) OR (TRANSPORTATION()DECISION? OR TRAVEL()OPTION? - ?) (3N) (SYSTEM? OR DATABASE? OR SOFTWARE OR SITE? ? OR DATA()BASE? OR AUTOMAT?)
S2	3057	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) ()WAY OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJACEN?) (4N) (STOP?? OR LAYOVER? OR LAY()OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	4192280	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR INCORPORAT?
S4	133553	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	1231192	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATE? ? OR RATING OR VALUING OR ORDERED OR ORDERING OR SCORE? ? OR SCORING
S6	1372	S5(10N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GROUND OR RAIL) (2N)TRAVEL? ?)
S7	1802	S1 OR TRANSPORTATION()DECISION?
S8	0	S7 AND S2 AND S4 AND S6
S9	0	S7 AND S2 AND S4
S10	2	S7 AND S2
S11	4150	S2 OR INTERMEDIATE(2N)LOCATION?
S12	1480	S5(10N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR CARS) (2N)TRAVEL?)
S13	3156	S7 OR (ROUTE OR ROUTES OR ITINERAR?) (3N) (DESIGN? OR PLAN? ? OR PLANN? OR DEVELOP? OR CONSTRUCT?)
S14	0	S13 AND S11 AND S4
S15	0	S13 AND S11 AND S12
S16	10	S13 AND S11
S17	8	S16 NOT S10
S18	4	S13 AND S12
S19	4	S18 NOT (S10 OR S16)
S20	1	AU=(JONES T? AND OFFUTT J?)
S21	1	S20 NOT (S10 OR S16 OR S18)

10/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009863073 **Image available**

WPI Acc No: 1994-142933/199417

XRPX Acc No: N94-112530

Mechanism for connecting support to excavating machine of frontal mining set - has intermediate member pivot-connected on respective sides to sectioned beam of excavator and to pusher of support section

Patent Assignee: DON MINES COMPLEX MECHN (DONM-R)

Inventor: RYKOV K M; SAVCHENKO A T; VASILEV V I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1796034	A3	19930215	SU 4869107	A	19900924	199417 B

Priority Applications (No Type Date): SU 4869107 A 19900924

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SU 1796034	A3	8	E21D-023/08	

Abstract (Basic): SU 1796034 A

The mechanism comprises a differential assembly consisting of a pusher (1) with a **stop**, and an **intermediate** member (3) connected on one side to the sectioned beams of the mining machine at their joint, and on the other side, with free **travel** in the horizontal **plane**, pivot-connected to the pusher of the section support. A rocker (4) is formed by a stop bracket upon which is installed a support element with a curved working face interacting with the stop of the pusher.

USE/ADVANTAGE - Underground coal mining, working thin seams. Gives improved productively by decreasing power losses. Bul. 6/15.2.93

Dwg.1/8

Title Terms: MECHANISM; CONNECT; SUPPORT; EXCAVATE; MACHINE; FRONT; MINE; SET; INTERMEDIATE; MEMBER; PIVOT; CONNECT; RESPECTIVE; SIDE; SECTION; BEAM; EXCAVATE; PUSHER; SUPPORT; SECTION

Derwent Class: Q49

International Patent Class (Main): E21D-023/08

International Patent Class (Additional): E21D-023/14

File Segment: EngPI

10/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009720088 **Image available**

WPI Acc No: 1993-413642/199351

XRPX Acc No: N93-319997

Computerised planning method for scheduling travel routes - inputting location information for each destination, determining optimum connecting path between for each pair of location, and creating array of randomly ordered sequences of destinations

Patent Assignee: TEXAS INSTR INC (TEXI)

Inventor: LINEBERRY M C; MARTIN C C; THRIFT P R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5272638	A	19931221	US 91709926	A	19910531	199351 B

Priority Applications (No Type Date): US 91709926 A 19910531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5272638	A	10	G06F-015/50	

Abstract (Basic): US 5272638 A

The method for using a computer to determine a travel route based

on a selected performance criteria from a number of predetermined travel routes connecting a number of destinations, involves inputting information describing a location of each destination to be visited. A connecting path is determined for each pair of the destinations having an optimum performance value based on the selected performance criteria. An array of randomly ordered sequences is created, each sequence representing a unique travel route.

Each sequence is summed in an order of the optimum performance values for at least one connecting path between each neighbouring pair of the destinations in the sequence to obtain a total performance value for the unique travel route described. A genetic cellular automaton is iteratively applied to the array to determine a travel route having the optimum performance value by computing an additional array of ordered sequences, each representing the unique travel route.

ADVANTAGE - Calculates most efficient sequence of **stops** on **multiple -stop** route. Allows for replanning and rescheduling of routes w.r.t. changing road conditions. Minimal memory required.

Dwg.1/6

Title Terms: COMPUTER; PLAN; METHOD; SCHEDULE; TRAVEL; ROUTE; INPUT; LOCATE ; INFORMATION; DESTINATION; DETERMINE; OPTIMUM; CONNECT; PATH; PAIR;

LOCATE; ARRAY; RANDOM; ORDER; SEQUENCE; DESTINATION

Index Terms/Additional Words: NAVIGATION; IN-VEHICLE

Derwent Class: T01

International Patent Class (Main): G06F-015/50

File Segment: EPI

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17/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013631656 **Image available**
WPI Acc No: 2001-115864/200113
XRPX Acc No: N01-085326

Navigation apparatus mounted in vehicles, assigns weight coefficient for every road classification and route planning is done using coefficient for classification related to chosen search number

Patent Assignee: CLARION CO LTD (CLAQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000337909	A	20001208	JP 99150870	A	19990531	200113 B

Priority Applications (No Type Date): JP 99150870 A 19990531

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000337909	A		8	G01C-021/00	

Abstract (Basic): JP 2000337909 A

NOVELTY - A multiple **route planner** (22) searches multiple **routes** to reach the input **destination**. The multiple **route planner** assigns weight coefficient for every road classification. **Route planning** is done using weight coefficient for road classifications corresponding to the chosen search number.

USE - In vehicles.

ADVANTAGE - Enables efficient setting up of **multiple** routes for reaching **destination**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of navigation apparatus.

Multiple **route planner** (22)
pp; 8 DwgNo 1/7

Title Terms: NAVIGATION; APPARATUS; MOUNT; VEHICLE; ASSIGN; WEIGHT;
COEFFICIENT; ROAD; CLASSIFY; ROUTE; PLAN; COEFFICIENT; CLASSIFY; RELATED;
CHOICE; SEARCH; NUMBER

Derwent Class: P85; S02

International Patent Class (Main): G01C-021/00

International Patent Class (Additional): G08G-001/0969; G09B-029/00;
G09B-029/10

File Segment: EPI; EngPI

17/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012601880 **Image available**
WPI Acc No: 1999-407984/199935
XRPX Acc No: N99-304376

Vehicle mounted navigation and route planning apparatus - has display that shows optimum route to destination with time of reaching intermediate points on route

Patent Assignee: ALPINE KK (ALPN)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11160086	A	19990618	JP 97344543	A	19971128	199935 B

Priority Applications (No Type Date): JP 97344543 A 19971128

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11160086	A		9	G01C-021/00	

Abstract (Basic): JP 11160086 A

NOVELTY - A **route planning** process unit (36) searches for the optimum route from the start point to the destination. A display unit

(9) shows the selected route with the time of day, as per predetermined time zone, when intermediate points on the route are expected to be reached.

USE - As route guide for vehicles.

ADVANTAGE - Enables vehicle user to verify whether anticipated run time is improved upon or exceeded. Helps to plan where to have food and where to stay as time of day is displayed at intermediate points of journey. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of vehicle mounted navigation and route -planning apparatus. (9)

Display unit; (36) Process unit.

Dwg.1/8

Title Terms: VEHICLE; MOUNT; NAVIGATION; ROUTE; PLAN; APPARATUS; DISPLAY;
SHOW; OPTIMUM; ROUTE; DESTINATION; TIME; REACH; INTERMEDIATE; POINT;
ROUTE

Derwent Class: S02

International Patent Class (Main): G01C-021/00

File Segment: EPI

17/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012164052

WPI Acc No: 1998-580964/199849

XRPX Acc No: N98-452573

Hierarchical database concept for route planning algorithm used in vehicle or service centre - uses explore algorithm, at each level, to identify connected regions that connect origin and destination with fewer number of intervening regions which define link level database needed for route planning

Patent Assignee: ANONYMOUS (ANON)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 414005	A	19981010	RD 98414005	A	19980920	199849 B

Priority Applications (No Type Date): RD 98414005 A 19980920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RD 414005	A		1 G06F-000/00	

Abstract (Basic): RD 414005 A

The database concept involves segmentation of the database into connected regions of the same road classification at e.g. four levels such that at the highest level, level 1, the map area is segmented into connected regions formed by the grid of interstate highways. Within each connected level 1 region, the grid of U.S. and state highways is used to form level 2 connected regions. This process is repeated for the grid of remaining streets other than subdivision and private complex roads to form level 3 connected regions. For treating remaining streets, level 4, a table of connected regions is developed which indicates the neighbours of each region at a given level as well as the nested nature of the subregions. The level 3 connected regions that contain the origin and destination are identified. If these are the same, this is the only map area that needs to be considered. If they are different but both lie in the same level 2 connected region, the neighbours of the origin and destination level 3 regions are identified and compared to see if there any common neighbour regions. If yes, the origin, destination and connecting regions form the region of interest. If not, the process is repeated until there is at least one common region.

If the origin and destination lie in different level 2 connected regions but the same level 1 connected region, the process starts at level 2 to identify the level 2 regions that connect the origin and destination . The intervening level 2 regions do not have to be expanded into level 3 regions for the route calculation process. If the level 3 regions lie in different level 1 connected regions, the process

is applied at level 1. At the lowest street level, level 4, preplanning is used to generate routes from a given street addresses to level 3 roads. This is done through a linked list approach, where each road segment in a subdivision has an associated pointer to a subsequent segment that provides the best path to a level 3 road. If there are several outlets, there may be more than one linked list. In this case, the list that is most consistent with the destination is selected.

ADVANTAGE - Reduces route computation time with very little compromise in route quality.

Dwg.0/0

Title Terms: HIERARCHY; DATABASE; CONCEPT; ROUTE; PLAN; ALGORITHM; VEHICLE; SERVICE; CENTRE; ALGORITHM; LEVEL; IDENTIFY; CONNECT; REGION; CONNECT; ORIGIN; DESTINATION; NUMBER; INTERVENING; REGION; DEFINE; LINK; LEVEL; DATABASE; NEED; ROUTE; PLAN

Derwent Class: T01; X22

International Patent Class (Main): G06F-000/00

File Segment: EPI

17/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010945710 **Image available**

WPI Acc No: 1996-442660/199644

Related WPI Acc No: 1998-052552; 1999-059590

XPX Acc No: N96-372769

Computer aided routing system e.g. for business and recreational travel planning - uses map database providing set of electronic maps depicting transportation routes having identified waypoints and also has database of locatable points of interest

Patent Assignee: DELORME PUBLISHING CO (DELO-N)

Inventor: DELORME D M; GRAY K A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5559707	A	19960924	US 94265327	A	19940624	199644 B
			US 95381214	A	19950131	

Priority Applications (No Type Date): US 95381214 A 19950131; US 94265327 A 19940624

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5559707	A		61	G01C-021/00	CIP of application US 94265327

Abstract (Basic): US 5559707 A

The computer aided routing system (CARS) works with one or more geographic information systems (GIS) (201). They are used for storage, retrieval, manipulation, mapping, correlation and computation of spatial data. The data are related to geographic coordinates corresponding to locations on, above or beneath the surface of the earth. The system also uses multimedia information databases (209) concerning places or objects identified by their coordinates. The database transfers data (207) to the routing subsystem (205). The user inputs a starting place, a final destination and optionally one or more mid-points or **intermediate locations** where the user may stop or pass through.

The user then tunes the routing function to compute either the shortest, quickest or preferred route. The initial route is displayed (259) as graphics, text, audio or a printout. Upon viewing the route the user can add or delete points of interest or waypoints. The route is then re-calculated and re-displayed.

USE/ADVANTAGE - Incorporates user selected way points of interest and transportation **routes** in travel **route**. **Constructs** customised travelog which is previewed on screen, and easily changed and recalculated until satisfactory route is obtained.

Dwg.2/8

Title Terms: COMPUTER; AID; ROUTE; SYSTEM; BUSINESS; RECREATION; TRAVEL;

PLAN; MAP; DATABASE; SET; ELECTRONIC; MAP; DEPICTED; TRANSPORT; ROUTE;
IDENTIFY; DATABASE; LOCATE; POINT; INTEREST
Index Terms/Additional Words: CARS
Derwent Class: S02; T01
International Patent Class (Main): G01C-021/00
International Patent Class (Additional): G08G-001/123
File Segment: EPI

17/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010812813 **Image available**
WPI Acc No: 1996-309766/199631
XRPX Acc No: N96-260219

**Land vehicle navigation appts for planning recovery route -
automatically plans recovery route upon detection of route departure
using multiple destinations and recovery route planning criteria**

Patent Assignee: MOTOROLA INC (MOTI)
Inventor: HOHL K B; LEFEBVRE R K; SEDA J W
Number of Countries: 018 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9619775	A1	19960627	WO 95US14510	A	19951113	199631 B
US 5659476	A	19970819	US 94362363	A	19941222	199739

Priority Applications (No Type Date): US 94362363 A 19941222
Cited Patents: US 5243528; US 5262775; US 5285391; US 5291413
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9619775	A1	E 28		
Designated States (National): JP				
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE				
US 5659476	A		13	

Abstract (Basic): WO 9619775 A

The land vehicle navigation appts (10) includes a **route planner** (22) for **planning** an original **route** for a land vehicle, via fixed road paths, which includes multiple route segments, a start location and at least one destination including an original destination, and a position determination unit (14) for determining an estimated current position of the land vehicle. A route memory stores the original route segments into memory (24).

An automatic recovery **route planner** automatically **plans** a recovery **route** to the original route, upon detection of a route departure, using recovery **route planning** criteria including **designating** at least some of the stored original route segments as a destination, thereby eliminating the need for **planning** a completely new **route**.

USE/ADVANTAGE - Automatically **planning** recovery **route** upon detection of route departure. Reduces recovery **route planning** time. Eliminates need for **planning** completely new **route**.

Dwg.1/9

Title Terms: LAND; VEHICLE; NAVIGATION; APPARATUS; PLAN; RECOVER; ROUTE;
AUTOMATIC; PLAN; RECOVER; ROUTE; DETECT; ROUTE; DEPART; MULTIPLE;
DESTINATION; RECOVER; ROUTE; PLAN; CRITERIA
Derwent Class: S02; T01; W06; X22
International Patent Class (Main): G01C-021/00; G06F-165/00
International Patent Class (Additional): G06G-007/78
File Segment: EPI

17/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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• 008381647 **Image available**

WPI Acc No: 1990-268648/199036

Related WPI Acc No: 1990-015680

XRPX Acc No: N90-207918

Location and navigation system for land vehicle - has route map or plan in memory with output to display for guidance

Patent Assignee: BOSCH GMBH ROBERT (BOSC)

Inventor: HEELDOERFE R; KANZLER U; KNOLL P; KOENIG W; LEINBERGE J;

MOCKHECKE R; URBANSKI W; ZAUNER E; HELLDORFER R; LEINBERGER J;

MOCK-HECKER R; ZAEUNER E

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3905493	A	19900830	DE 3905493	A	19890223	199036 B
US 5422812	A	19950606	US 8722807	A	19870113	199528
			US 88274654	A	19881121	
			US 89452677	A	19891218	
			US 91646758	A	19910102	
			US 91810866	A	19911220	
DE 3905493	C2	19970717	DE 3905493	A	19890223	199732

Priority Applications (No Type Date): DE 3905493 A 19890223; DE 3822222 A 19880701

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5422812	A	11	C	Cont of application US 8722807 CIP of application US 88274654 CIP of application US 89452677 CIP of application US 91646758 CIP of patent US 4888699

DE 3905493 C2 6 C

DE 3905493 A C

Abstract (Basic): DE 3905493 A

The navigation or route guidance system for use by land vehicles (20) has a control unit (11) that is coupled to a unit (15) that provides position and direction measurement of the vehicle. A data memory (14) stores map or road plan information and can be in the form of a CD player.

Input of required destination and current location is made via a panel (12). Output of information is to a monitor (13) that indicates the route to be taken and details of any intersections and crossings.

ADVANTAGE - Reduces memory capacity requirements. (5pp Dwg.No.1/6)

Title Terms: LOCATE; NAVIGATION; SYSTEM; LAND; VEHICLE; ROUTE; MAP; PLAN; MEMORY; OUTPUT; DISPLAY; GUIDE

Derwent Class: P81; P85; Q12; Q13; S02; T01; W06; X22

International Patent Class (Main): G06F-165/00; G08G-001/0969

International Patent Class (Additional): G01C-021/04; G06F-003/033;

G06F-015/48; G06F-019/00; G08G-001/09

File Segment: EPI; EngPI

17/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007116005

WPI Acc No: 1987-116002/198716

XRPX Acc No: N87-087101

Servo-control of tape tension in tape transporter - changes speed sufficiently to maintain position of tape within capstan at relatively constant level

Patent Assignee: AMERICAN MULTIMEDIA (AMMU-N)

Inventor: CLARK R L; FARROW R I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4656530	A	19870407	US 85801429	A	19851125	198716 B

Priority Applications (No Type Date): US 85801429 A 19851125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4656530	A		10		

Abstract (Basic): US 4656530 A

The closed loop tape transporter comprises a vacuum supply with a vacuum column operatively connected to the supply and positioned in the **plane** of tape **travel** **intermediate** the exit **location** of the loop from the bin and the pick-up head for receiving the loop of tape during its travel and exerting a vacuum-induced tension on it. A motor-driven capstan is positioned in the **plane** of tape **travel** **intermediate** the bin and the vacuum column for pulling the loop of tape from the bin and delivering the tape to the vacuum column.

A servo-controller senses changes in the position of the tape within the vacuum column caused by tension changes of the tape within the bin and sends a signal responsive to the change of position of the tape in said vacuum column to its capstan motor and varies the capstan speed responsively to the sensed position changes to maintain constant tension on the moving loop as it is delivered to the pick-up head.

ADVANTAGE - Uses vacuum to clean master tape before each passage across pick-up heads

Title Terms: SERVO; CONTROL; TAPE; TENSION; TAPE; TRANSPORT; CHANGE; SPEED; SUFFICIENT; MAINTAIN; POSITION; TAPE; CAPSTAN; RELATIVELY; CONSTANT; LEVEL

Derwent Class: T03; W04

International Patent Class (Additional): G11B-005/86; G11B-015/43

File Segment: EPI

17/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004478543

WPI Acc No: 1985-305421/198549

XRPX Acc No: N85-227092

Electrically powered journey route planner - has data entered, using alpha-numeric keyboard, of intermediate destinations, route number, and distances

Patent Assignee: MORGAN M W J (MORG-I)

Inventor: MORGAN M W J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2159652	A	19851204				198549 B

Priority Applications (No Type Date): GB 8413701 A 19840529

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2159652	A		3		

Abstract (Basic): GB 2159652 A

In order to enter details of a planned journey the memory is cleared. Commencing with the first town/city on a **planned route**, this is typed in in full or abbreviated form using the alpha key board. Details of the entry will be displayed on the L.D.D. screen which is stored in the memory. The next destination is then entered by use of the keyboard and stored in the memory. This procedure is repeated until the maximum number of entries attainable with the memory have been entered. By use of a control, the destinations can be indexed until the first entry is displayed on the screen 3. A journey can be commenced with this information visible to the driver and as a destination is reached. On completion of a journey, the memory is set in reverse mode enabling a journey to be retracted in the same manner as the outward journey. The display may be cleared of any entries made in error.

USE - May be mounted in dash board or as integral part of vehicles instrumentation

^ Title Terms: ELECTRIC; POWER; JOURNEY; ROUTE; DATA; ENTER; ALPHA; NUMERIC;
KEYBOARD; INTERMEDIATE; DESTINATION; ROUTE; NUMBER; DISTANCE
Derwent Class: P85; S02; T01; X22
International Patent Class (Additional): G01C-021/00; G09F-009/00
File Segment: EPI; EngPI

^ 19/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012865937 **Image available**
WPI Acc No: 2000-037770/200003
Related WPI Acc No: 2001-031300
XRPX Acc No: N00-028436

Four-bar linkage mechanism in incline press exercise equipment

Patent Assignee: CYBEX INT INC (CYBE-N)
Inventor: GIANNELLI R; LEIPHEIMER J K
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5989165	A	19991123	US 9627204	A	19960930	200003 B
			US 97941593	A	19970930	

Priority Applications (No Type Date): US 9627204 A 19960930; US 97941593 A 19970930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5989165	A		18	A63B-021/06	Provisional application US 9627204

Abstract (Basic): US 5989165 A

NOVELTY - A pair of four-bar linkage mechanisms (14) are supported by a support unit (18). Each of which includes a primary lever arm (36a) pivotable about a primary axis and a follower arm (38a) pivotable about secondary axis. The two lever arms **travel** in a common **plane** as the linkage mechanisms are displaced between two positions to maintain a correct biomechanical positioning.

DETAILED DESCRIPTION - The incline press exercise equipment that includes a base member and a support extending from the base (19). The equipment also includes a weight mechanism (12) operatively associated with the pair of four-bar linkage mechanisms.

USE - In incline process exercise equipment for exercising regions of the upper body.

ADVANTAGE - Maintains correct biomechanical positioning of user, since the lever arms **travels** in common **plane** when the linkage mechanism is displaced between two positions. The **weight** mechanism is disposed in off center position relative to the exercise ready position of user such that user can readily access and manually adjust the degree of weight from seated position.

DESCRIPTION OF DRAWING(S) - The figure shows the incline press equipment with a user.

Weight mechanism (12)
Four bar linkage mechanism (14)
Support (18)
Base (19)
pp; 18 DwgNo 1/9

Title Terms: FOUR; BAR; LINK; MECHANISM; INCLINE; PRESS; EXERCISE; EQUIPMENT

Derwent Class: P36

International Patent Class (Main): A63B-021/06

International Patent Class (Additional): A63B-021/06; ANA6-3B023/035

File Segment: EngPI

19/5/2 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06685516 **Image available**
GAME DEVICE

PUB. NO.: 2000-271345 [JP 2000271345 A]
PUBLISHED: October 03, 2000 (20001003)
INVENTOR(s): FUTAMURA TETSUYA
APPLICANT(s): TAITO CORP

APPL. NO.: 11-077285 [JP 9977285]
FILED: March 23, 1999 (19990323)
INTL CLASS: A63F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To easily grasp a position relation between the position of an object on a circuit course and that of the other object (enemy plane).

SOLUTION: An operating signal control part 27 of a control part 26 travels the object (player plane or enemy plane) on the circuit course of a simulation image corresponding to input data from a controller 8 and radio control game machines 31 and 32, expresses the position of the traveled player plane on the circuit course with a ranking position display bar showing it in the prescribed range of a relative circuit course with the position of the player plane as a reference and expresses the position of the enemy plane with a ranking position display bar at a position relative with the player plane. Thus, the position relation between the position of the player plane on the circuit course and that of the enemy plane can be easily grasped.

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19/5/3 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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04860551 **Image available**
METHOD FOR DESIGNING POSITION AND POSTURE OF INCLINED POST AND ITS DEVICE

PUB. NO.: 07-153151 [JP 7153151 A]
PUBLISHED: June 16, 1995 (19950616)
INVENTOR(s): IWATA YUKIHIRO
YAMAGUCHI TAKEHITO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 05-296397 [JP 93296397]
FILED: November 26, 1993 (19931126)
INTL CLASS: [6] G11B-015/61; G11B-015/60
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment)
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

ABSTRACT

PURPOSE: To efficiently design the position and posture of an inclined post by first designing a tape traveling plane by considering an inclined post, position of the main inclined post, a tape slant angle and tape winding angle, then designing and arranging the inclined and main inclined posts.

CONSTITUTION: A designer starts a cross line cr1 setting section in order to design the tape traveling plane. Two points passing the cross line cr1 are set in the setting section and a tape traveling plane tp1 setting section is started. An intersectional angle .alpha.1 of the plane 2 and a tape reference plane is set and the traveling plane tp2 is set in the setting section. A traveling plane evaluating section is started. An intersectional angle .alpha.2 of the tape traveling planes tp1, tp2 and the cross line cr2 which is the intersected line of the planes tp1, tp2 are calculated and the planes are evaluated from a relational graph between the intersectional angle .alpha.1 and the intersectional angle .alpha. in the evaluating section. The inclined post evaluating section is started and the inclined post between the planes tp1 and tp2 is evaluated. The inclined post designing section is started and the diameter of the main inclined post is set. The main inclination post between the planes and the tape reference plane is evaluated. The inclined post is designed between the planes tp1 and tp2 in the inclined post setting section.

19/5/4 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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00805322 **Image available**
MASS FLOWMETER

PUB. NO.: 56-125622 [JP 56125622 A]
PUBLISHED: October 02, 1981 (19811002)
INVENTOR(s): SHIODA TAKESHI
APPLICANT(s): S T KENKYUSHO KK [467585] (A Japanese Company or Corporation)
, JP (Japan)
APPL. NO.: 55-028599 [JP 8028599]
FILED: March 08, 1980 (19800308)
INTL CLASS: [3] G01F-001/84
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 24.1 (CHEMICAL
ENGINEERING -- Fluid Transportation)
JOURNAL: Section: P, Section No. 95, Vol. 05, No. 202, Pg. 107,
December 22, 1981 (19811222)

ABSTRACT

PURPOSE: To measure mass flow rate by vibrating an omega-shaped pipe in which the fluid to be measured flows in the direction perpendicular to its **traveling plane** and detecting the **rate** of torsion generated between two symmetrically curved parts of the pipe.

CONSTITUTION: The straight parts 1' of an omega-shaped pipe 1 of a circular section are fixed respectively to a base 2, and their terminals are connected to a pipe line system, then the fluid F to be measured is flowed. A permanent magnet 4 is fixed to the end of the pipe 1 and an electromagnet 6 is disposed in opposition to the permanent magnet 4, so that the pipe 1 is vibrated in the direction orthogonal to the traveling plane of the fluid F. Also, a torque beam 7 is spanned and fixed between the maximum spacing position of the curved parts 1'' of the pipe 1, and strain gages 8-11 are adhered to both surfaces and both ends thereof. As the pipe 1 vibrates, the vibration torque of the torsion of which the amplitude is proportional to the mass flow rate of the fluid is generated in the pipe, thereby causing the strain gages 8-11 to distort. These distortions are detected as the unbalance voltage of a bridge circuit, whereby the mass flow rate is measured

21/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013576382 **Image available**

WPI Acc No: 2001-060589/200107

XRPX Acc No: N01-045386

Distributing method for travel fare and travel availability information in network, involves transmitting change information from provider through data channel based on registration requests

Patent Assignee: SABRE INC (SABR-N)

Inventor: JONES T B ; OFFUTT J R ; POTTER G J

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200058892	A1	20001005	WO 2000US7921	A	20000327	200107 B
AU 200039200	A	20001016	AU 200039200	A	20000327	200107

Priority Applications (No Type Date): US 99276825 A 19990326

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200058892 A1 E 31 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200039200 A G06F-017/60 Based on patent WO 200058892

Abstract (Basic): WO 200058892 A1

NOVELTY - Registration requests are received to obtain information on changes in travel fare information and travel availability information. The obtained information about changes are transmitted from an information provider through a data channel (300) based on the registration requests.

DETAILED DESCRIPTION - A data channel (300), used for transmitting and receiving information among information providers and information users, is provided in a computer network. INDEPENDENT CLAIMS are also included for the following:

(a) a travel fare information and travel availability information distribution system;

(b) a travel information network.

USE - For distributing travel fare and travel availability information in data channel of computer network e.g. Internet.

ADVANTAGE - Provides the lowest available fare without requiring a user to enter multiple requests. Enables automatic notification of the user about a change in the lowest available fare in the event that there is a change in the fare and availability of flights that match the user's criteria.

DESCRIPTION OF DRAWING(S) - The figure shows the pictorial diagram of the component system for information distribution.

Data channel (300)

pp; 31 DwgNo 3/8

Title Terms: DISTRIBUTE; METHOD; TRAVEL; FARE; TRAVEL; AVAILABLE; INFORMATION; NETWORK; TRANSMIT; CHANGE; INFORMATION; THROUGH; DATA; CHANNEL; BASED; REGISTER; REQUEST

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

?

File 348:EUROPEAN PATENTS 1978-2001/APR W05

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010503, UT=20010419

(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	6772	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT?) OR TRANSPORTATION() DECISION?
S2	14016	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y() OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	996416	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	185699	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	621070	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATE? ? OR RATING OR VALUING OR ORD- ERED OR ORDERING OR SCORE? ? OR SCORING
S6	1324	S5(10N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OP- TION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR C- ARS) (2N) TRAVEL?)
S7	0	S1(S) S2(S) S4(S) S6
S8	13	S1(S) S2(S) S4
S9	8	S8 NOT MOLD?/TI
S10	4	S9 NOT (GENE OR GENES OR PROTEIN? ? OR PACKET)/TI
S11	31	S1(S) S6
S12	31	S11 NOT (S8 OR (GENE OR GENES OR PROTEIN? ? OR PACKET? ?)/- TI)
S13	17	S12 NOT (GLASS OR WET OR RIVETING OR CONVEYOR OR GUN OR CA- BIN OR CARTONS OR PUMP OR TAPE OR TYRE OR OPTICAL OR CAN)/TI
S14	2	AU=(JONES TERRELL? AND OFFUTT JOSEPH?)
S15	2	S14 NOT (S8 OR S12)
S16	8	AU=(JONES TERRELL? OR OFFUTT JOSEPH?)
S17	3	S16 AND (S6 OR S1 OR S2)
S18	3	S17 NOT S14

10/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00741338

Connectionless communications system, test method, and intra-station control system

Verbindungsloses Kommunikationssystem, Testmethode und Intra-Station-Steuerungssystem

Système de communication sans connection, methode de test et système de gestion intra-station

PATENT ASSIGNEE:

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Kagawa, Atsushi, c/o Fujitsu Communication, Systems Ltd., 3-9-18, Shinyokohama, Kouhoku-ku, Yokohama-shi, Kanagawa, 222, (JP)

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Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672), Hoffmann, Eitle & Partner, Patentanwälte, Arabellastrasse 4, D-81925 München, (DE)

PATENT (CC, No, Kind, Date): EP 700229 A2 960306 (Basic)
EP 700229 A3 990203

APPLICATION (CC, No, Date): EP 95113111 950821;

PRIORITY (CC, No, Date): JP 94255120 940822

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04Q-011/04

ABSTRACT WORD COUNT: 170

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	8491
SPEC A	(English)	EPAB96	164543
Total word count - document A			173034
Total word count - document B			0
Total word count - documents A + B			173034

...SPECIFICATION path to the destination can be acquired. The BOM cell is output with the tag information and output MID assigned, and then transferred to the **destination** through the route according to the tag information. Then, a table storing the above described routing information and output MIDs is generated according to the...LAP cells based on the SIG bit (Figure 56) in the tag area of the received ATM cell, and inserts a blank cell to a **time** slot at which the LAP cell is demultiplexed.

15.1.1.4. Loopback Function for Cell assigned Specific VPI/VCI
The DS3-SMDS interface has...

...same data is read consecutively for 2 cycles, then the data is fetched in the firmware.

15.1.1.7. Active Control Function

This function **allows** the control shown in Figure 91 to be executed according to the ACT information transferred from the SIFSH common of both active and standby systems...sum is stored again at the above described specified address. The TG 10 outputs a switch instruction to the selectors (SEL) 6 through 8 each **time** it receives a notification from the CC every 15 minutes, and switches the RAM to which the count value is written to the RAM 4...

10/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00256771

Combinatorial weighing or counting method.

Kombinatorische Wage- oder Zahlmethode.

Methode de posee ou de comptage par combinaison.

PATENT ASSIGNEE:

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Hillier, Peter et al (47812), Reginald W. Barker & Co., 13, Charterhouse Square, London, EC1M 6BA, (GB)

PATENT (CC, No, Kind, Date): EP 274002 A1 880713 (Basic)
EP 274002 B1 910626

APPLICATION (CC, No, Date): EP 87110401 811116;

PRIORITY (CC, No, Date): JP 80162983 801118; JP 813354 810112; JP 8111318 810127; JP 81100088 810627

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 52498
INTERNATIONAL PATENT CLASS: G01G-019/387;
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	110
CLAIMS B	(German)	EPBBF1	162
CLAIMS B	(French)	EPBBF1	188
SPEC B	(English)	EPBBF1	6799
Total word count - document A			0
Total word count - document B			7259
Total word count - documents A + B			7259

...SPECIFICATION completes its travel before articles discharged from weighing hoppers 2 reach the intermediate shutter 8 positioned at half the head H, as described above, the intermediate shutter 8 intercepts the articles discharged from weighing hoppers 2 at the 1/2 H position in the collecting chute 3.

The articles intercepted at the...described with reference to timing charts for fall signals shown in Figs. 7 to 9.

Figs. 7 and 8 refer to a case where each time combinations of weight values are computed, a particular combination whose addition value is equal or closest to a set weight is selected and articles are discharged from the weighing hoppers corresponding...

10/3,K/3 (Item 1 from file: 349)
DIALOG(R) File 349:PCT Fulltext
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00590248 **Image available**

TRAVEL RESERVATION AND INFORMATION PLANNING SYSTEM
SYSTEME D'INFORMATION ET DE PLANIFICATION POUR LES RESERVATIONS DE VOYAGE
(TRIPS)

Patent Applicant/Assignee:

DELORME PUBLISHING COMPANY INC, DELORME PUBLISHING COMPANY, INC. , Two
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04103 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9835311 A1 19980813

Application: WO 98US1823 19980130 (PCT/WO US9801823)

Priority Application: US 97797471 19970206

Designated States: CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 46580

Fulltext Availability:

Detailed Description

Detailed Description

... enables users to manipulate, preview, pick and manage the
chronological dimension of the TRIPS temporal, geographical, topical
and/or transactional information involved in their individual travel
plans .

FIGURE 6 assumes the TRIPS user has already input START and FINISH
times/dates for a business, family, or pleasure trip which he or she is
engaged in planning with TRIPS . For example, such START and FINISH
times/dates can be input employing the SCHEDULER sub-menu under the WHEN?
main input menu at 161 in...

...by the TRIPS user engaging reservation arrangement capabilities provided or brokered by the TRIPS Accounting Subsystem; or (2) from estimated START and/or FINISH dates/times for a proposed journey, including the estimated elapsed time needed to travel an optimum route -- computed taking into account user input of a place and time of departure, optional intermediate waypoint(s), a final destination, and selectable routing parameters. For concrete example from one of the hypothetical cases sketched heretofore in this disclosure, consider John Jones' time frame for his planned trip from Knox, Indiana to Pownal, Maine and back to attend the family birthday party picnic for Grandmother Jones scheduled for 5:30-7:30 PM...

10/3,K/4 (Item 2 from file: 349)
DIALOG(R) File 349:PCT Fulltext
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00577375

A COMMUNICATION SYSTEM ARCHITECTURE

SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

Patent Applicant/Assignee:

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PRICE Ricky A, PRICE, Ricky, A. , 2991 Hillingdon Drive, Richardson, TX
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SALEH Bilal A, SALEH, Bilal, A. , 1205 E. Camp McDonald Road, Prospect
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9823080 A2 19980528
Application: WO 97US21174 19971114 (PCT/WO US9721174)
Priority Application: US 96751203 19961118; US 96751668 19961118; US
96752271 19961118; US 96758734 19961118; US 96751209 19961118; US
96751661 19961118; US 96752236 19961118; US 96752487 19961118; US
96752269 19961118; US 96751923 19961118; US 96751658 19961118; US
96752552 19961118; US 96751933 19961118; US 96751663 19961118; US
96746899 19961118; US 96751915 19961118; US 96752400 19961118; US
96751922 19961118; US 96751961 19961118

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD
TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 188452

Fulltext Availability:

Detailed Description

Detailed Description

... created from one or more senice features.

5. Data stored in a single customer profile in the ISP Data Servers may
be used to drive **multiple** services.

6. The Service Model must support the specification and fulfillment of
quality of service parameters for each service. These quality of service
parameters, when...best choice for a head-end hop-off internet telephony
gateway by obtaining a list of candidate internet telephony gateway
addresses, and pinging each to **determine** the best choice in terms of
latency and number of router hops. The process is as follows:

0 Client Computer queries a directory service to...IP address if it is
available and any other available information about capabilities of PC 11
1052. When PC 12 1051 receives the response, it **determines** whether PC
11 1052 may be contacted. This determination will be based upon the
"on-line" status of PC 11 1052, and the additional information...

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01252064

Travel planner system for providing travel information and updates over a mobile network

Reiseplanungssystem zur Bereitstellung von Reisedaten und -aktualisierungen anhand eines Mobilfunknetzes

Systeme de planification d'itineraires pour fournir des informations d'itineraires et de mises a jour en utilisant un reseau mobile telephonique

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),
(Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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Nokia Group, (FI)

PATENT (CC, No, Kind, Date): EP 1081625 A2 010307 (Basic)

APPLICATION (CC, No, Date): EP 660145 000830;

PRIORITY (CC, No, Date): US 387051 990831

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 142

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200110	1293
SPEC A	(English)	200110	6993
Total word count - document A			8286
Total word count - document B			0
Total word count - documents A + B			8286

...SPECIFICATION services. Once all prices quoted are confirmed, the system 10 produces a travel itinerary and/or ticket at block 44.

FIG. 3 illustrates an example **travel itinerary** obtained from the **travel planner** system 10 using an example step-by-step operation as ...may include, at a minimum, specific airline flight information with flight numbers, rates, departure and arrival venues, dates and times, specific hotel accommodations and ground **transportation** services with **rates** and dates. More specifically, the travel itinerary may contain information as shown in FIG. 3 as follows:

1) Departure date from Helsinki to London on...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01140540

Integrated vehicle positioning and navigation system, apparatus and method
Integriertes Fahrzeugpositionier- und -navigationssystem, dessen Vorrichtung und Verfahren

Procede, appareil et systeme de navigation et de positionnement integres pour vehicules et de positionnement

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 996047 A1 000426 (Basic)

APPLICATION (CC, No, Date): EP 100132 901210;

PRIORITY (CC, No, Date): WO USPCT 891211

DESIGNATED STATES: DE; FR; GB; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 679974 (EP 95110798)

EP 507845 (EP 91902277)

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ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 31

LANGUAGE (Publication,Procedural,Application): English; English; English

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CLAIMS A	(English)	200017	1512
SPEC A	(English)	200017	41760
Total word count - document A			43272
Total word count - document B			0
Total word count - documents A + B			43272

...SPECIFICATION 84(underscore)easting

Heading: compass direction vehicle is moving

Curvature: calculated from other variable

N(underscore)velocity: north velocity

E(underscore)velocity: east velocity

Yaw **rate** : rate of change of the heading

G(underscore)speed: **ground** speed

distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the

desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:

If...

13/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01062785

Integrated vehicle positioning and navigation system, apparatus and method
Integriertes Fahrzeugpositionier- und -navigationssystem, dessen
Vorrichtung und Verfahren
Procede, appareil et systeme de navigation et de positionnement integres
pour vehicules

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 936521 A2 990818 (Basic)
EP 936521 A3 990825

APPLICATION (CC, No, Date): EP 99106275 901210;

PRIORITY (CC, No, Date): WO USPCT 891211

DESIGNATED STATES: DE; FR; GB; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 679974 (EP 95110798)

EP 507845 (EP 91902277)

INTERNATIONAL PATENT CLASS: G05D-001/00; G05D-001/02; G01S-005/14;

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9933	346
SPEC A	(English)	9933	42113
Total word count - document A			42459
Total word count - document B			0
Total word count - documents A + B			42459

...SPECIFICATION 84(underscore)easting

Heading: compass direction vehicle is moving

Curvature: calculated from other variable

N(underscore)velocity: north velocity

E(underscore)velocity: east velocity

Yaw **rate** : rate of change of the headingG(underscore)speed: **ground** speed distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:

If...

13/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01062784

Integrated vehicle positioning and navigation system, apparatus and method
 Integriertes Fahrzeugpositionier- und -navigationssystem, dessen
 Vorrichtung und Verfahren

Procede, appareil et systeme de navigation et de positionnement integres
 pour vehicules

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 936520 A2 990818 (Basic)
EP 936520 A3 990825
APPLICATION (CC, No, Date): EP 99106274 901210;
PRIORITY (CC, No, Date): WO USPCT 891211
DESIGNATED STATES: DE; FR; GB; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 679974 (EP 95110798)
EP 507845 (EP 91902277)
INTERNATIONAL PATENT CLASS: G05D-001/00; G05D-001/02; G01S-005/14;
G01C-021/16
ABSTRACT WORD COUNT: 122
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9933	480
SPEC A	(English)	9933	42181
Total word count - document A			42661
Total word count - document B			0
Total word count - documents A + B			42661

...SPECIFICATION 84(underscore)easting
Heading: compass direction vehicle is moving
Curvature: calculated from other variable
N(underscore)velocity: north velocity
E(underscore)velocity: east velocity
Yaw **rate** : rate of change of the heading
G(underscore)speed: **ground** speed distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:
If...

13/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01062782

Integrated vehicle positioning and navigation system, apparatus and method
Integriertes Fahrzeugpositionier- und -navigationssystem, dessen
Vorrichtung und Verfahren

Procede, appareil et systeme de navigation et de positionnement integres
pour vehicules

PATENT ASSIGNEE:

CATERPILLAR INC., (759700), 100 Northeast Adams Street, Peoria Illinois
61629-6490, (US), (Applicant designated States: all)

INVENTOR:

Kyrtsos, Christos T., 3808 Walround Lane, Peoria, Illinois 61615, (US)
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PATENT (CC, No, Kind, Date): EP 936518 A2 990818 (Basic)
EP 936518 A3 990825

APPLICATION (CC, No, Date): EP 99106272 901210;

PRIORITY (CC, No, Date): WO USPCT 891211

DESIGNATED STATES: DE; FR; GB; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 679974 (EP 95110798)

EP 507845 (EP 91902277)

INTERNATIONAL PATENT CLASS: G05D-001/00; G05D-001/02; G01S-005/14;
G01C-021/16

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

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CLAIMS A	(English)	9933	1972
SPEC A	(English)	9933	42212
Total word count - document A			44184
Total word count - document B			0
Total word count - documents A + B			44184

...SPECIFICATION 84(underscore)easting

Heading: compass direction vehicle is moving

Curvature: calculated from other variable

N(underscore)velocity: north velocity

E(underscore)velocity: east velocity

Yaw **rate** : rate of change of the heading

G(underscore)speed: **ground** speed

distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the

desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:

If...

13/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01062781

Integrated vehicle positioning and navigation system, apparatus and method
Integriertes Fahrzeugpositionier- und -navigationssystem, dessen
Vorrichtung und Verfahren
Procédé, appareil et système de navigation et de positionnement intégrés
pour véhicules

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 936517 A2 990818 (Basic)
EP 936517 A3 990825

APPLICATION (CC, No, Date): EP 99106271 901210;

PRIORITY (CC, No, Date): WO USPCT 891211

DESIGNATED STATES: DE; FR; GB; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 679974 (EP 95110798)

EP 507845 (EP 91902277)

INTERNATIONAL PATENT CLASS: G05D-001/00; G05D-001/02; G01S-005/14;
G01C-021/16

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9933	1587
SPEC A	(English)	9933	42117
Total word count - document A			43704
Total word count - document B			0
Total word count - documents A + B			43704

...SPECIFICATION 84(underscore)easting
Heading: compass direction vehicle is moving
Curvature: calculated from other variable
N(underscore)velocity: north velocity
E(underscore)velocity: east velocity
Yaw **rate** : rate of change of the heading
G(underscore)speed: **ground** speed

distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:

If...

13/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01062780

Integrated vehicle positioning and navigation system, apparatus and method
Integriertes Fahrzeugpositionier- und -navigationssystem, dessen
Vorrichtung und Verfahren

Procede, appareil et systeme de navigation et de positionnement integres
pour vehicules

PATENT ASSIGNEE:

CATERPILLAR INC., (759700), 100 Northeast Adams Street, Peoria Illinois
61629-6490, (US), (Applicant designated States: all)

INVENTOR:

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Devier, Lonnie J., 7125 Shioya Cho, Tarumi KU 665 0872, Kobe, (JP)
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 936516 A2 990818 (Basic)
EP 936516 A3 990825

APPLICATION (CC, No, Date): EP 99106189 901210;

PRIORITY (CC, No, Date): WO USPCT 891211

DESIGNATED STATES: DE; FR; GB; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 679973 (EP 95110796)

EP 507845 (EP 91902277)

INTERNATIONAL PATENT CLASS: G05D-001/00

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 41

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9933	590
SPEC A	(English)	9933	42106
Total word count - document A			42696
Total word count - document B			0
Total word count - documents A + B			42696

...SPECIFICATION 84(underscore)easting

Heading: compass direction vehicle is moving

Curvature: calculated from other variable

N(underscore)velocity: north velocity

E(underscore)velocity: east velocity

Yaw **rate** : rate of change of the heading

G(underscore)speed: **ground** speed

distance **travelled**

f. STEERING METHOD

The steering **planner** calculates the steer angle needed to follow the
desired path. If the vehicle 102 was on the desired path 3312, the steer
angle is:

If...

13/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01005296

MOBILE COMMUNICATION METHOD AND MOBILE COMMUNICATION SYSTEM

MOBILES KOMMUNIKATIONSVERFAHREN UND ANORDNUNG

PROCEDE ET SYSTEME DE COMMUNICATION MOBILE

PATENT ASSIGNEE:

NTT MOBILE COMMUNICATIONS NETWORK INC., (1560153), 10-1, Toranomom

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all)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 978958 A1 000209 (Basic)
WO 9848528 981029

APPLICATION (CC, No, Date): EP 98917680 980424; WO 98JP1906 980424

PRIORITY (CC, No, Date): JP 97123782 970424

DESIGNATED STATES: DE; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS: H04B-007/26; H04Q-007/24

ABSTRACT WORD COUNT: 244

NOTE:

Figure number on first page: 226

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200006	7277
SPEC A	(English)	200006	100683
Total word count - document A			107960
Total word count - document B			0
Total word count - documents A + B			107960

...SPECIFICATION all of the plurality of calls utilize control channels,
respectively. In addition, it is possible to exclude complicated control
procedures, e.g., management of the **transportation** order of control
information in the plurality of control channels.

Additionally, the present invention provides a method for controlling
to replace a control channel, characterized...following capabilities.

The network informs a mobile station of the location information, so
that the mobile stations recognize the location information.

When the mobile station **travels** in the network, the network
recognizes that the mobile station moves from the location that is
managed by the network and requests to update the...

13/3,K/9 .(Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00851972

Itinerary preparing system

Fahrtroutenvorbereitungssystem

Systeme pour la preparation d'itineraires

PATENT ASSIGNEE:

Toyota Jidosha Kabushiki Kaisha, (203745), 1, Toyota-cho, Toyota-shi,
Aichi-ken 471-71, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Morita, Makoto, c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho,
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LEGAL REPRESENTATIVE:

Rees, Alexander Ellison et al (73903), Urquhart-Dykes & Lord 91 Wimpole
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PATENT (CC, No, Kind, Date): EP 785519 A1 970723 (Basic)

APPLICATION (CC, No, Date): EP 97300218 970115;

PRIORITY (CC, No, Date): JP 968669 960122

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60;

ABSTRACT WORD COUNT: 168

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9707W4	589
SPEC A	(English)	9707W4	5717
Total word count - document A			6306
Total word count - document B			0
Total word count - documents A + B			6306

...SPECIFICATION current position detecting sensor, such as a GPS (Global Positioning System) or a direction sensor. Based on the position information, the navigation system provides a **recommended transportation** route. By using this system, one can travel through an optimum route, while getting various services. Moreover, if desired destinations, date, and time are input to the system in advance, an appropriate **itinerary** (or transport **schedule**) can be prepared before departure, thus enhancing enjoyment of a motoring excursion.

Another navigation system which has been proposed so far includes an apparatus capable...

13/3,K/10 (Item 10 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00712842

System integrating active and simulated decisionmaking processes.

System zum Integrieren von aktiven und simulierten Entscheidungsprozessen.

Systeme integrant des processus de puse de decision actifs et simules.

PATENT ASSIGNEE:

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DE;FR;GB;IT)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 675454 A2 951004 (Basic)

EP 675454 A3 980916

APPLICATION (CC, No, Date): EP 95104605 950329;

PRIORITY (CC, No, Date): US 220831 940331

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-017/60;

ABSTRACT WORD COUNT: 150

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	927
SPEC A	(English)	EPAB95	8501
Total word count - document A			9428
Total word count - document B			0
Total word count - documents A + B			9428

...SPECIFICATION for technicians between consecutively scheduled calls.

As an example, statistical analyzer 130 may compare the travel times resulting from user decisions in the real-time **mode** to the **travel** times resulting from A/S **recommendations** generated exclusively by A/S module 14 during the simulation mode. In this case, each real-time event record in real-time event file 32...

...in simulated event file 30 representing a new-call-event includes a start time for a call, a completion time for the call, and a **travel** time between successively **scheduled** calls. The A/S module 14 computes the average travel time between all calls-in the real-time mode, and then runs a linear regression...

13/3,K/11 (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00758862 **Image available**

**A PERFORMANCE-BASED REPRESENTATION FOR SUPPORT OF MULTIPLE DECISIONS
REPRESENTATION BASEE SUR LA PERFORMANCE AIDANT LES DECISIONS MULTIPLES**

Patent Applicant/Assignee:

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02108, US, US (Residence), US (Nationality), (For all designated states
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Patent Applicant/Inventor:

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CN (Nationality), (Designated only for: US)

Legal Representative:

FASSE J Peter, Fish & Richardson P.C., 225 Franklin Street, Boston, MA
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200072268 A1 20001130 (WO 0072268)
Application: WO 2000US14396 20000524 (PCT/WO US0014396)
Priority Application: US 99135683 19990524

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7210

Fulltext Availability:

Detailed Description

Detailed Description

... of stocks to cash, selection of particular stocks, bonds, commodities)
to achieve certain performance attributes (e.g. desired net worth upon
retirement, expected risk, desired **rate** of return). In the
transportation industry, the selection of airline or bus **routes** is one

in which **design** variables, (e.g. cargo capacity, passenger capacity, arrival and departure times) are manipulated in order to control performance attributes (expected delay, revenue, fuel costs, labor...

13/3,K/12 (Item 2 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00688967 **Image available**

**AN ADAPTIVE AND RELIABLE SYSTEM AND METHOD FOR OPERATIONS MANAGEMENT
SYSTEME ADAPTATIF ET FIABLE ET PROCEDE DE GESTION DES OPERATIONS**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 0002136 A1 20000113 (WO 200002136)

Application: WO 99US15096 19990702 (PCT/WO US9915096)

Priority Application: US 9891656 19980702; US 9891753 19980706

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 42205

Fulltext Availability:

Detailed Description

Detailed Description

... empty weight of plane w-payload maximum payload (passengers + baggage)

w-fuel weight of fuel w-initial weight at takeoff (empty + fuel +

payload) w-final **weight** at landing (empty + payload) range maximum

distance **plane** can **travel** - in nautical miles (nm) V-app minimum

velocity at which plane approaches runway for landing TOFL-a takeoff

field length, minimum runway length needed for...

13/3,K/13 (Item 3 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00532024 **Image available**

AUTOMATED TRAVEL PLANNING SYSTEM

SYSTEME AUTOMATISE DE PLANIFICATION DE DEPLACEMENTS

Patent Applicant/Assignee:

ELECTRONIC DATA SYSTEMS CORPORATION

Inventor(s):

LYNCH Michael F
TURNER Jonathan A

Patent and Priority Information (Country, Number, Date):

Patent: WO 9732266 A1 19970904
Application: WO 97US2741 19970224 (PCT/WO US9702741)
Priority Application: US 96609034 19960229

Designated States: AU CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Publication Language: English

Fulltext Word Count: 4934

Fulltext Availability:

Detailed Description

Detailed Description

... smoking preferences for each individual.

Business entity portfolio 20 contains, at a minimum, information that is used to determine a business entity customer's preferred **travel plan** in response to any work related travel itinerary submitted by an employee of that business entity. Business entity portfolio information may include, for example, the...

...fare class restrictions (e.g., business or coach class only) imposed by each business entity upon its employees for work related travel, and/or maximum **rates** for hotel accommodations and **automobile** rental.

Travel agency portfolio 22 contains, at a minimum, information that is used to determine the **travel** agency's preferred **travel plan** in response to any **itinerary** submitted by a customer (individual and/or business entity) of the agency. This travel agency portfolio information may include, for example, the air carriers, automobile...

...Furthermore, the travel agency portfolio 22 may also contain the weighting values which are used by decision engine module 16 to ultimately determine a preferred **travel plan**. It should be noted that system 10 can be used and maintained by one or more travel agencies, in which case, travel agency portfolio 22...

13/3,K/14 (Item 4 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00370961

SYSTEM AND METHOD FOR DISTRIBUTED COMPUTATION BASED UPON MOVEMENT,
EXECUTION AND INTERACTION OF PROCESSES IN A NETWORK
SYSTEME ET PROCEDE DE CALCUL REPARTI A BASE DE LA CIRCULATION, DE
L'EXECUTION ET DE L'INTERACTION DE PROCESSUS DANS UN RESEAU

Patent Applicant/Assignee:

GENERAL MAGIC INC

Inventor(s):

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HELGESON Christopher S
STEEDMAN Douglas A

Patent and Priority Information (Country, Number, Date):

Patent: WO 9502219 A1 19950119
Application: WO 94US7397 19940708 (PCT/WO US9407397)
Priority Application: US 9390521 19930708

Designated States: AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KG
KP KR KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN
BF BJ CF CG CI GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 130241

Fulltext Availability:

Detailed Description

Detailed Description

... from a first place executing within a first computer system to a second place executing within a second computer system is substantially reduced by eliminating **transportation** of objects already at the second place.

This is easily demonstrated by considering a simple example. Agent 150A (Figure 6A) is executing within computer system...means, a telename, or a provider. Ticket 1306 (Figure 13A), in the context of logic flow diagram 1414 (Figures 14C and 14D), can define a **trip** W to a place within engine 132A (Figure 15A), (ii) to a place within an engine in the same region as engine 132A, or (iii)...and 1416-1, engine 132B extracts and copies ticket 1306 (Figure 13A) from encoded agent 150A-E, clears property "way" of the ticket copy, and **routes** encoded agent 150A-E according to logic flow diagram 1414 (Figures 14C and 14D) except now the ticket copy is used for ticket 1306 in...

13/3,K/15 (Item 5 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00279174

INTEGRATED VEHICLE POSITIONING AND NAVIGATION SYSTEM, APPARATUS AND METHOD SYSTEME, APPAREIL ET PROCEDE INTEGRES DE CALCUL DE POSITION ET DE NAVIGATION POUR VEHICULES

Patent Applicant/Assignee:

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GUDAT Adam J
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CLOW Richard G
DEVIER Lonnie J
KEMNER Carl A
KLEIMENHAGEN Karl W
KOEHRSEN Craig L
KYRTSOS Christos T
LAY Norman K
PETERSON Joel L
RAO PRITHVI N
SCHMIDT Larry E
SENNOTT James W
SHAFFER Gary K
SHI WenFan
SHIN Dong Hun
SINGH Sanjiv J
STAFFORD Darrell E
WEINBECK Louis J
WEST Jay H
WHITTAKER William L
WU BaoXin

Inventor(s):

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KYRTSOS Christos T
LAY Norman K
PETERSON Joel L
RAO PRITHVI N
SCHMIDT Larry E
SENNOTT James W
SHAFFER Gary K
SHI WenFan

SHIN Dong Hun
SINGH Sanjiv J
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WEINBECK Louis J
WEST Jay H
WHITTAKER William L
WU BaoXin

Patent and Priority Information (Country, Number, Date):

Patent: WO 9109375 A1 19910627
Application: WO 89US5580 19891211 (PCT/WO US8905580)
Priority Application: WO 89US5580 19891211

Designated States: AT AU BE BR CH CH DE DE DK ES ES FI FR GB GB IT JP KR LU
NL NL NO RO SE US

Publication Language: English

Fulltext Word Count: 50795

Fulltext Availability:

Claims

Claim

... East: wgs 84-easting
Heading: compass direction vehicle is
moving
Curvature: calculated from other variable

- 138 N-velocity: north velocity E-velocity: east velocity Yaw **rate** :
rate of change of the heading G-speed: **ground** speed distance **travelled**
f. Steering **Method** The steering **planner** calculates 'the steer angle
needed to follow the desired path. If the vehicle 310 was on the desired
path 3312, the steer angle is:

ON...

13/3,K/16 (Item 6 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00279108

INTEGRATED VEHICLE POSITIONING AND NAVIGATION SYSTEM, APPARATUS AND METHOD
PROCEDE, APPAREIL ET SYSTEME DE NAVIGATION ET DE POSITIONNEMENT INTEGRES DE
VEHICULES

Patent Applicant/Assignee:

CATERPILLAR INC

Inventor(s):

KYRTSOS Christos T
GUDAT Adam J
CHRISTENSEN Dana A
FRIEDRICH Douglas W
STAFFORD Darrell E
SENNOTT James W
BRADBURY Walter J
CLOW Richard G
DEVIER Lonnie J
KEMNER Carl A
KLEIMENHAGEN Karl W
KOEHRSEN Craig L
LAY Norman K
PETERSON Joel L
RAO Prithvi N
SCHMIDT Larry E
SHAFFER Gary K
SHI WenFan
SHIN Dong Hun
SINGH Sanjiv J
WEINBECK Louis J
WEST Jay H
WHITTAKER William L
WU BaoXin

Patent and Priority Information (Country, Number, Date):

Patent: WO 9109275 A2 19910627
Application: WO 90US7183 19901210 (PCT/WO US9007183)
Priority Application: WO 89US5580 19891211
Designated States: AT BR CA DE FR GB JP SE SU
Publication Language: English
Fulltext Word Count: 67029

Fulltext Availability:

Claims

Claim

... northing

East: wgs 84 easting

Heading: compass direction vehicle is moving

Curvature: calculated from other variable

N-velocity: north velocity

E-velocity: east velocity

Yaw **rate** : rate of change of the heading

Q-speed: **ground** speed

distance **travelled**

f. STEERING **METHOD**

The steering **planner** calculates the steer angle needed to follow the desired path. If the vehicle 102 was on the desired path 3312, the steer angle is:

ON...

13/3,K/17 (Item 7 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00204475 **Image available**

ENERGY CONVERSION ARRANGEMENT

AGENCEMENT DE CONVERSION D'ENERGIE

Patent Applicant/Assignee:

PEREZ-CANO Humberto

PEREZ-CANO Roman

Inventor(s):

PEREZ-CANO Humberto

PEREZ-CANO Roman

Patent and Priority Information (Country, Number, Date):

Patent: WO 8400052 A1 19840105

Application: WO 82US913 19820702 (PCT/WO US8200913)

Priority Application: US 82387782 19820614

Designated States: AT AU BE CH DE DK FR GB JP LU NL NO SE

Publication Language: English

Fulltext Word Count: 6222

Fulltext Availability:

Detailed Description

Detailed Description

... transmitted into second 11 lower sprocket 82 and then into lower axle. 20 and 12 flywheel means 68.

13 In order to maintain the first **weight** 66 in 14 approximately the same **plane** throughout-.its **travels** along power transmission means 28, two idler sprockets 16 92 and 94 are positioned in the same plane as second 17 lower sprocket 82 and...

15/5/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01216786

EVENT BASED SYSTEM FOR DISTRIBUTING TRAVEL INFORMATION
EREIGNISBASIERTES SYSTEM FUR REISEINFORMATIONEN
SYSTEME DE DISTRIBUTION DE RENSEIGNEMENTS DE VOYAGE BASE SUR DES EV
PATENT ASSIGNEE:

Swenton
Search

Sabre Inc., (2193116), P.O. Box 619615, MD 4204, Dallas/Ft. Worth
Airport, TX 75261-9615, (US), (Applicant designated States: all
INVENTOR:

JONES, Terrell, Brian , 2404 Southbrook Court, Arlington, TX 7600
OFFUTT, Joseph, Robert, Jr. , 2758 Mesquite Lane, Grapevine, TX 7
(US)

POTTER, Gary, James, 3401 Whitney Way, Hurst, TX 76054-2061, (US
PATENT (CC, No, Kind, Date):

WO 0058892 001005

APPLICATION (CC, No, Date): WO 918379 000327; WO 00US7921 000327

PRIORITY (CC, No, Date): US 276825 990326

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/60

CITED PATENTS (WO A): US 5797127 A ; WO 9903029 A ; US 5270921 A ; US
5598477 A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001129 A1 International application. (Art. 158(1))

Application: 001129 A1 International application entering European
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

15/5/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT Fulltext
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00745518 **Image available**

EVENT BASED SYSTEM FOR DISTRIBUTING TRAVEL INFORMATION
SYSTEME DE DISTRIBUTION DE RENSEIGNEMENTS DE VOYAGE BASE SUR DES EVENEMENTS
Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200058892 A1 20001005 (WO 0058892)

Application: WO 2000US7921 20000327 (PCT/WO US0007921)

Priority Application: US 99276825 19990326

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

English Abstract

A network equipped with methods for distributing travel fare and travel availability information as well as changes therein to users. In accordance with one aspect of the invention, a method for distributing travel fare and travel availability information, comprises the steps of providing a data channel in the network for transmitting and receiving information among information providers and information users, receiving registration requests to obtain information on changes in travel fare information and travel availability information, and transmitting on the data channel from at least one of the information providers information on changes in the travel fare information and the travel availability information based on the registration requests. In accordance with another aspect, a travel information network comprises a fare generator for providing travel fare information, an availability server for providing travel availability information, a subscription service for registering users seeking information reflecting changes in the travel fare information and the travel availability information, and a data channel for transmitting the changes in the travel fare information and the travel availability information to the registered users.

French Abstract

L'invention concerne un reseau disposant de procedes de distribution aux utilisateurs d'informations portant sur les prix des voyages et leur disponibilite ainsi que tout changement a cet egard. Selon un aspect de l'invention, un procede de distribution d'informations portant sur les tarifs et la disponibilite des voyages consiste a affecter un canal de donnees dans le reseau a l'emission et a la reception d'informations parmi des fournisseurs d'informations et des utilisateurs d'informations, a recevoir les demandes d'inscription en vue d'obtenir des informations sur les changements des informations sur les tarifs et la disponibilite des voyages, et a transmettre sur le canal de donnees, depuis l'un au moins des fournisseurs d'informations, des informations portant sur les changements des informations sur les tarifs et la disponibilite des voyages en fonction des demandes d'inscription. Selon un autre aspect de l'invention, un reseau d'informations de voyages comprend un generateur de prix destine a fournir des informations sur le prix des voyages, un serveur de disponibilites fournissant des informations sur la disponibilite des voyages, un service d'abonnement permettant d'inscrire les usagers a la recherche d'informations sur les changements des informations des tarifs et de disponibilite des voyages, et un canal de donnees permettant de transmettre ces changements aux utilisateurs inscrits.

Legal Status (Type, Date, Text)

Publication 20001005 A1 With international search report.

Examination 20001214 Request for preliminary examination prior to end of 19th month from priority date

?

18/5/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00743962 **Image available**

OFFLINE SYSTEM AND METHOD FOR DETERMINING NON-OBVIOUS SAVINGS IN THE
PURCHASE OF GOODS AND SERVICES
SYSTEME HORS LIGNE ET PROCEDE DE DETERMINATION DES ECONOMIES CACHEES LORS
DE L'ACHAT DE BIENS ET DE SERVICES

Patent Applicant/Assignee:

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Legal Representative:

GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.,
1300 I Street, N.W., Washington, DC 20005-3315, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057331 A2 20000928 (WO 0057331)

Application: WO 2000US7447 20000322 (PCT/WO US0007447)

Priority Application: US 99275887 19990325; US 99471012 19991223

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8504

English Abstract

Methods and systems consistent with the present invention provide information regarding savings associated with travel alternatives. Such systems receive and analyze a specific travel itinerary and determine a set of alternative itineraries comparable to the specified travel itinerary based on selected rules associated with travel. Value for each of the alternative itineraries, value for the specified itinerary, and the differences between them are determined and reported to the user.

French Abstract

L'invention concerne des procedes et des systemes fournissant des informations relatives aux economies associees a diverses possibilites de voyage. Ces systemes recoivent et analysent un itineraire de voyage specifique et determinent un ensemble d'itineraires de rechange comparables a l'itineraire de voyage specifie, sur la base de regles determinees associees au voyage. La valeur de chaque itineraire de rechange, la valeur de l'itineraire specifie et la difference entre les deux est determinee et l'utilisateur en est informe.

Legal Status (Type, Date, Text)

Publication 20000928 A2 Without international search report and to be republished upon receipt of that report.

Examination 20001221 Request for preliminary examination prior to end of 19th month from priority date

18/5/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00661004 **Image available**

METHODS AND APPARATUS FOR ACCESSING INFORMATION FROM MULTIPLE REMOTE SOURCES

PROCEDES ET APPAREIL POUR ACCEDER AUX INFORMATIONS PROVENANT DE MULTIPLES SOURCES DISTANTES

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9944160 A1 19990902

Application: WO 99US4466 19990301 (PCT/WO US9904466)

Priority Application: US 9831674 19980227

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30;

International Patent Class: G06F-017/60;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6742

English Abstract

In accordance with the present invention a process is provided for interfacing a legacy application and internet-based application and for displaying information from each application in a frame of a multi- frame browser on a client workstation. Further, the interface system enables users to transact business with the legacy application based on information retrieved from the internet-based application, and to retrieve information from the internet-based application based on information retrieved from the legacy application.

French Abstract

L'invention concerne un procede servant a l'interfacage d'une application traditionnelle et d'une application basee sur l'Internet ainsi qu'a l'affichage des informations provenant de chaque application dans une fenetre faisant partie d'un navigateur a multifenetrage sur une station de travail client. En outre, le systeme d'interfacage permet aux utilisateurs d'effectuer des transactions avec l'application traditionnelle sur la base des informations recuperees depuis l'application basee sur l'Internet tout en se fondant sur les informations recuperees a partir de l'application traditionnelle.

18/5/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00590356 **Image available**

**INFORMATION AGGREGATION AND SYNTHESIZATION SYSTEM
SYSTEME DE REGROUPEMENT ET DE SYNTHESE D'INFORMATIONS**

Patent Applicant/Assignee:

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OFFUTT Joseph Robert Jr , OFFUTT, Joseph, Robert, Jr. , 2758 Mesquite
Lane, Grapevine, TX 76051 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9835469 A2 19980813

Application: WO 98US1341 19980123 (PCT/WO US9801341)

Priority Application: US 97788899 19970123

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH

DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR

NE SN TD TG

Main International Patent Class: H04L-000/;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8887

English Abstract

An information aggregation and synthesization system and process. The present invention provides aggregation and packaging of structured or unstructured information from disparate sources such as those available on a network such as the Internet. A network compatible/addressable interface device is operated by a user. The network interface device communicates with local datastores or network accessible datastores via an addressing scheme such as Uniform Resource Locator addresses (URLs) utilized by the Internet. Data passing between the network interface device and the datastores is accessed, polled, and retrieved through an intermediary gateway system. Such aggregated information is then synthesized, customized, personalized and localized to meet the information resource requests specified by the user via the network interface device.

French Abstract

L'invention concerne un systeme et un procede de regroupement et de synthese d'informations, et notamment le regroupement et l'emballage d'informations structurees ou non, lesquelles proviennent de sources disparates, comme celles disponibles sur un reseau tel que l'Internet. Un utilisateur fait fonctionner un dispositif d'interface, reseau compatible et accessible. Le dispositif d'interface communique avec des memoires de donnees locales ou des memoires de donnees, reseau accessibles, via un systeme d'adressage tel que les adresses URL utilisees par l'Internet. On accede aux donnees passant entre le dispositif d'interface reseau et les memoires de donnees, on interroge ces donnees et on les extrait au moyen d'un systeme de passerelle intermediaire. De telles informations ainsi regroupees sont ensuite synthetisees, personnalisees et localisees pour satisfaire les demandes de ressource d'informations, specifiees par l'utilisateur via le dispositif d'interface reseau.

File 77:Conference Papers Index 1973-2001/May
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 File 35:Dissertation Abstracts Online 1861-2001/Jun
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 File 233:Internet & Personal Comp. Abs. 1981-2001/May
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 File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Apr
 (c) 2001 The HW Wilson Co.
 File 63:Transport Res(TRIS) 1970-2001/Apr
 (c) fmt only 2001 Dialog Corp.
 File 6:NTIS 1964-2001/May W4
 Comp&distr 2000 NTIS, Intl Cpyrght All Right
 File 108:AEROSPACE DATABASE 1962-2001/MAY
 (c) 2001 AIAA

Set	Items	Description
S1	21331	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT?) OR TRANSPORTATION() DECISION?
S2	4874	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y()OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	6230829	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	199024	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	3684603	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATE? ? OR RATING OR VALUING OR ORD- ERED OR ORDERING OR SCORE? ? OR SCORING
S6	17845	S5(10N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OP- TION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR C- ARS) (2N) TRAVEL?)
S7	0	S1 AND S2 AND S4 AND S6
S8	5	S1 AND S2 AND S4
S9	5	RD (unique items)
S10	914	S1 AND S6
S11	40	S10 AND (S2 OR S4)
S12	40	S11 NOT S8
S13	1579919	(RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITI- S? OR WEIGH? OR SCORE? ? OR SCORING OR RATING OR RATED)
S14	19931	S13(S) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OP- TION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR CA- RS) (2N) TRAVEL?)
S15	915	S1 AND S14
S16	4388	S13(5N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OP- TION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR C- ARS) (2N) TRAVEL?)
S17	218	S1 AND S16
S18	25	S17 AND (S2 OR DESTINATION?)
S19	25	S18 NOT S8
S20	25	RD (unique items)
S21	7	S20 NOT PY,CY=1998:2001
S22	0	AU=(JONES, T? OR JONES T?) AND AU=(OFFUTT, J? OR OFFUTT J?)
S23	4013	AU=(JONES, T? OR JONES T? OR OFFUTT, J? OR OFFUTT J?)
S24	5	S23 AND (S1 OR S2 OR S6)
S25	3	RD (unique items)
?		

9/5/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abstracts Online
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01637662 ORDER NO: AAD98-27521

SIMULATION-BASED DYNAMIC TRAFFIC SYSTEM: A GIS APPROACH

Author: LI, QIANG

Degree: PH.D.

Year: 1997

Corporate Source/Institution: UNIVERSITY OF KANSAS (0099)

Chairman: CARL E. KURT

Source: VOLUME 59/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1250. 129 PAGES

Descriptors: ENGINEERING, CIVIL ; COMPUTER SCIENCE

Descriptor Codes: 0543; 0984

This research develops a simulation-based dynamic traffic assignment (DTA) model and an integrated GIS application system for the simulation-based DTA. A new approach for the problem of optimal traffic assignment in dynamic networks with **multiple** origins and **destinations** is proposed in this dissertation. The objective of the DTA model is to assign the vehicles to the network over **time** to minimize the **total** travel **time** experienced by all the vehicles traveling through the network. The main goal of the simulation-based DTA modeling is the real time simulation of large size networks with detailed turning penalties and restrictions. As a heuristic solution approach, the DTA model adopts a microscopic traffic simulation with **route planning**. In addition, the traffic network over the time horizon is treated as a discrete-time dynamic system. Moreover, the dynamic network modeling incorporates individual driver behavior and the interactions between vehicles. The travel demands and network performance in this model are represented by a time dependent O-D matrix, link costs, and queuing delays.

The modeling of the simulation-based DTA involves several different traffic modeling techniques that address issues related to vehicle generation, route choice, and vehicle movement. A dynamic vehicle generation model was developed to convert the time-dependent O-D matrix to a dynamic vehicle departure pattern at each centroid. Using a time-dependent shortest path model, vehicles choose and change routes on the way to their destinations according to dynamic traffic conditions. A microscopic traffic simulation model provides an understanding of traffic operations at the level of individual vehicles and detailed network description.

A methodology for implementing the simulation-based DTA model in a GIS environment is presented. This methodology includes building a spatial transportation database with a set of specific data models and integrating the simulation-based DTA model with the GIS (DTA-GIS system). The sophisticated GIS design and related tools provide a flexible and efficient platform for modeling DTA and integration of transportation network data. With the DTA-GIS system, network modification and changes representing various demands scenarios are made in the GIS environment, and the results of model are effectively presented. The development of DTA-GIS system is based on the object-oriented programming technique which is very flexible and allows for easily modifying the models or adding new models.

The application of the simulation-based DTA model is demonstrated in a case study using the street network in City of Lawrence, Kansas. The results from the case study serve to demonstrate its applicability for dynamic traffic assignment and vehicle route guidance.

9/5/2 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00423017 96MH05-016

Route 66: travel planning

Sandler, Gregory

MacHome Journal , May 1, 1996 , v4 n5 p86, 1 Page(s)

ISSN: 1074-0392

Company Name: Route 66

Product Name: Route 66

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Power Macintosh; CD-ROM Drive; AppleGuide; AppleScript

Geographic Location: United States

Presents a favorable review of **Route 66 (\$49)**, travel planning software on Macintosh CD-ROM from Route 66, Inc. (800). Requires a Power Mac with AppleScript and AppleGuide. Says that the program is simple to use, and it can plot trips, generate maps, and **calculate times** and distances. **Includes** a client-address database builder for business travelers, and adds that a European version is also available. Criticizes the program's inability to **plan a multiple -stop trip**, to save a file, or to edit a trip without starting over completely. Concludes that, despite the flaws, it is ``sure to appeal to both leisure and business travelers.'' Awarded three-and-a-half out of five apples. Includes one screen display. (kgh)

Descriptors: **Travel** ; CD-ROM; Macintosh; Software Review; **Planning** ; Map

Identifiers: Route 66; Route 66

9/5/3 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00352029 94PL06-009

Automap for Windows 3.0

Goldstein, Michael

PC Laptop Computers Magazine , June 1, 1994 , v6 n6 p39, 43, 2 Page(s)

ISSN: 1043-1314

Company Name: Automap

Product Name: Automap Road Atlas for Windows

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of **Automap Road Atlas for Windows v3.0 (\$99)**, a travel program from Automap, Inc. of Bellevue, WA (206). Runs on IBM PC compatibles with 2MB RAM, 5.5MB hard disk space, and Microsoft Windows 3.0 or higher. Also available for DOS and on CD-ROM. Says that Automap is excellent at helping find the best route from one U.S. location to another. The user specifies the beginning and end points, and up to four **intermediate stops** along the way, then tells the program whether to **designate** the quickest, shortest, or preferred **route**, or an alternate route. Says that Automap outputs a route map, **total distance**, travel **time** at 55 mph, and gasoline costs, and it allows the user to modify driving speed. However, notes that Automap contains no sightseeing or destination information, such as restaurants and hotels; in addition, it does not provide any city maps. Includes two photos. (jo)

Descriptors: Travel; Map; Window Software; Software Review; Entertainment; Transportation; CD-ROM

Identifiers: Automap Road Atlas for Windows; Automap

9/5/4 (Item 1 from file: 63)

DIALOG(R)File 63:Transport Res(TRIS)

(c) fmt only 2001 Dialog Corp. All rts. reserv.

00495532 DA

TITLE: SYSTEM-OPTIMAL TRIP SCHEDULING AND ROUTING IN COMMUTING NETWORKS

AUTHOR(S): Chang, G-L; Mahmassani, HS; Engquist, ML

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1251 Pag: pp
54-65

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Record
No. 1251, Transport Supply Analysis.

PUBLICATION DATE: 19890000 PUBLICATION YEAR: 1989

LANGUAGE: English SUBFILE: HRIS (H 9003)

ISSN: 03611981 ISBN: 0-309-05002-2

AVAILABILITY: Transportation Research Board Business Office; 2101
Constitution Avenue, NW ; Washington; DC ; 20418

FIGURES: 13 Fig.

REFERENCES: 28 Ref.

ABSTRACT: A time-space network formulation is presented for the
system-optimal assignment to departure times and routes of traffic
flows from **multiple** origins to a common **destination**. Time is
discretized, and congestion is represented using simplified
deterministic queuing stations. The solution minimizes **total** travel
time in the system subject to arrivals at the destination taking place
within a specified time interval. Alternatively, a formulation is
presented for the minimization of a total cost measure consisting of a
weighted sum of the users' **travel** time and **schedule** delay. The
solution can be obtained using efficient and widely available pure
network optimization algorithms. A numerical application is presented
to illustrate the methodology, including a network generator developed
for this purpose.

DESCRIPTORS: TIME-SPACE NETWORK; TRAFFIC ASSIGNMENT; DEPARTURE TIME;
ROUTING; COMMUTERS; TRAVEL TIME; MINIMIZATION; OPTIMIZATION; ALGORITHMS
; CASE STUDIES

SUBJECT HEADING: H12, PLANNING; I72, TRAFFIC AND TRANSPORT PLANNING

9/5/5 (Item 2 from file: 63)

DIALOG(R) File 63:Transport Res(TRIS)

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00071808 DA

TITLE: WAITING TIME AND OCCUPANCY IN SYSTEMS

AUTHOR(S): Sher, NC; Anderson, PA

CORPORATE SOURCE: Subscription Service, P.O. Box 6000, Phoenix, AZ, 85005,

JOURNAL: Honeywell Computer Journal Vol: 7 Issue Number: 4 Pag: pp
228-237

PUBLICATION DATE: 19730000 PUBLICATION YEAR: 1973

LANGUAGE: English SUBFILE: UMTRIS; RRIS (U; R 7501)

SOURCE ACCESSION NUMBER: EI 74 700716

AVAILABILITY: Linda Hall Library; 5109 Cherry Street ; Kansas City; MO
; 64110-2498

ORDER NUMBER: DOTL RP

REFERENCES: 3 Ref

DATA SOURCE: Engineering Index

ABSTRACT: This paper presents the results of computer simulations of
various forms of people-moving (transit) systems, with particular
attention to travel and waiting components of **total** trip time. The
formulations permit a heavier psychological weighting for the latter in
comparing the various forms of service. Service options studied are:
scheduled and unscheduled; all-**stop**, skip-**stop**, **intermediate** -
stop, and non-**stop** from origin to destination. Comparisons are also
made for a wide range of headway values and vehicle/train capacities.

DESCRIPTORS: PASSENGER **TRAVEL** DEMAND; **SCHEDULING**; STATION; URBAN
PASSENGER SYSTEMS; RAPID TRANSIT SYSTEM

SUBJECT HEADING: R2301; U21AHDB, TRANSIT OPERATIONS MANAGEMENT

. 21/5/1 (Item 1 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00390194 DA

**TITLE: TRAVEL ANALYSIS METHODS FOR THE 1980S. WORKSHOP ON STRATEGIC
PLANNING. ISSUES IN STRATEGIC PLANNING**

AUTHOR(S): Spielberg, F

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,
NW , Washington, DC, 20418,

JOURNAL: Transportation Research Board Special Report Issue Number: 201
Pag: pp 12-16

SUPPLEMENTAL NOTES: Proceedings of a conference held October 3-7, 1982,
Easton, Maryland.

PUBLICATION DATE: 19830000 PUBLICATION YEAR: 1983

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8402; H 8502)

AVAILABILITY: Transportation Research Board Business Office; 2101
Constitution Avenue, NW ; Washington; DC ; 20418

ABSTRACT: An implicit assumption in transportation has been that there is temporal stability in travel behavior relationships. However, shifts are occurring in many of the implicit elements. Travel habits of women have changed as their role in society has shifted. Automobile ownership and operating costs have risen in real terms, affecting not only mode choice but also decisions regarding trip length and **destination** . The transportation issue that has the greatest public attention is the cost and supply of **transportation** energy, especially gasoline. Data **suggest** a continued trend to low-density living, although signs of a moderation or reversal may possibly be discerned. Age is related to individual travel patterns, as is the shift in population from the northeast and north central regions to the South and West. Cities of the North and East developed at densities that permit reasonable transit service and have established transit systems. New cities lack both transit systems and population densities conducive to transit use. In contrast to general assumptions, many central business districts are growing rapidly in office space and the trend is expected to continue. The most rapid growth has occurred in suburban regions where trip patterns differ from those in cities. Many freeways constructed under the Interstate program will be reaching the end of their design life during the 1980s, requiring major reconstruction and maintenance. Telecommunications may come to substitute for work trips and other travel. While existing methodologies are applicable to some of the impending planning problems, others will have to be addressed by techniques that are not presently widely adopted. In allocation of costs or benefits, demand forecasting is not the primary product, but an intermediate step.

DESCRIPTORS: URBAN TRANSPORTATION **PLANNING** ; ANALYTICAL METHOD; **TRAVEL**
BEHAVIOR; WORK **TRIPS** ; STABILITY; FORECASTING; MODAL SELECTION;
AUTOMOBILE OWNERSHIP; SUBURBS; PUBLIC TRANSIT

SUBJECT HEADING: H12, PLANNING; I72AHEY, TRAFFIC AND TRANSPORT PLANNING;
U42AHDP, TRANSIT PLANNING, POLICY, & PROGRAMS

21/5/2 (Item 2 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00302256 DA

**TITLE: SIMPLIFIED AIDS FOR TRANSPORTATION ANALYSIS: ESTIMATING PARKING
ACCUMULATION. VOLUME 5**

CORPORATE SOURCE: Peat, Marwick, Mitchell and Company, 1025 Connecticut
Avenue, NW , Washington, DC, 20036, Urban Mass Transportation
Administration, 400 7th Street, SW , Washington, DC, 20590,

REPORT NUMBER: UMTA-IT-06-9020-79-5Final Rpt.
Pag: 47 p.

PUBLICATION DATE: 19790100 PUBLICATION YEAR: 1979

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U; H 8001)

ISSN: UTP.PMM.77.1.1 ISBN: IT-06-9020

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road

.; Springfield; VA ; 22161

ORDER NUMBER: PB-299984/AS

FUNDING TYPE: Contract

CONTRACT/GRANT NUMBER: DOT-UT-50021

ABSTRACT: This is one of a series of six reports describing simplified aids to improve **transportation decisions** without resorting to computers or extensive data collection. The analytical aid described in this report provides a method for estimating the accumulation of parked vehicles within a study area over the course of a typical weekday. Parking accumulation and utilization of parking facilities may be estimated for all parkers, long-term parkers, and/or short-term parkers, based on an estimate of daily automobile trip **destinations**, an inventory of available parking supply, and a set of parking "accumulation factors" which may be derived from a parking survey within the study area or from default values provided in this report. The primary use of the parking accumulation estimation method is to analyze the adequacy of available parking supply in relation to expected parking demand. The method may also be used to monitor and **suggest** revisions to automobile **travel** impedance values used in transportation **planning** models. Modifications, embellishments, and improvements to the procedures suggested in this report are encouraged should local data or previous analyses suggest a more appropriate method. (UMTA)

DESCRIPTORS: PARKING; DATA ACQUISITION; PARKING LOTS; MATHEMATICAL MODELS; AUTOMOBILE; PARKING DEMAND; FORECASTING; URBAN TRANSPORTATION PLANNING
SUBJECT HEADING: H12, PLANNING; H13, FORECASTING; H54, OPERATIONS AND TRAFFIC CONTROL; U42AHD, TRANSIT PLANNING, POLICY, & PROGRAMS

21/5/3 (Item 3 from file: 63)

DIALOG(R) File 63:Transport Res(TRIS)

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00239571 DA

TITLE: WORK TRAVEL DEMANDS AND TRANSIT PLAN: A CASE STUDY OF DENVER

AUTHOR(S): Zebauers, V; Surti, VH

CORPORATE SOURCE: Colorado University, /Cntr for Urban Transp Studies,

REPORT NUMBER: Final Rpt

Pag: 62 pp

SUPPLEMENTAL NOTES: Rept No UMTA-CO-11-0001-73-2

PUBLICATION DATE: 19730900 PUBLICATION YEAR: 1973

LANGUAGE: English SUBFILE: HRIS (H)

DATA SOURCE: Urban Mass Transportation Administration

ABSTRACT: APPROXIMATELY 75% OF THE DENVER METRO TRANSIT RIDERSHIP IS FOR WORK TRIPS, MOST OF THESE TAKING PLACE WITHIN THE CBD. HOWEVER, ONLY ABOUT 12% OF THE TOTAL METROPOLITAN AREA EMPLOYMENT IS LOCATED WITHIN THIS AREA. THE OBJECTIVE OF THIS STUDY IS TO DEVELOP THE MAIN PROCEDURES AND TECHNIQUES TO BE UTILIZED IN DETAILED TRANSPORTATION PLANNING, CONCENTRATING ON PROVIDING NEEDED TRANSIT SERVICE TO CENTERS OF SECONDARY EMPLOYMENT. METHODOLOGY IS AS FOLLOWS. USING THE ALREADY ESTABLISHED DATA OF THE HOME BASED WORK TRIP TABLE DERIVED FROM A RECENT ORIGIN AND **DESTINATION** SURVEY, TRAVEL PATTERNS AND TRIP CONCENTRATION TO HIGH EMPLOYMENT ZONES WERE IDENTIFIED. THESE TRIP CONCENTRATIONS WERE PLOTTED ON A SERIES OF MAPS. THE AUTHORS USED THE GRAPHIC TOOL OF MAP OVERLAYS IN DOING THEIR ANALYSIS. THE EXISTING BUS NETWORK WAS EVALUATED BY OVERLAYING THE ROUTE NETWORK TO THE TRIP CONCENTRATION MAP AND RECORDING ON THE OVERLAY THE CONCENTRATIONS OF TRIPS SERVED BY ROUTE NETWORK LINKS. THIS YEILDED THE LOW DEMAND SERVICE ROUTE LINKS. A SIMILAR PROCEDURE RESULTED IN A GUIDE FOR LOCATING NEW ROUTES OR ALTERING EXISTING ONES TO ACCOMMODATE MORE WORK TRIP DEMAND. COMMENTS WERE MADE ABOUT THE INADEQUACIES OF **TRANSPORTATION** PLANNING METHODS AND TOOL AND **SUGGESTIONS** OFFERED. THE USE OF THE 24 HOUR DAY AS THE BASIC UNIT OF TRAVEL ANALYSIS IS CONSIDERED INAPPROPRIATE IN MANY INSTANCES. IT IS SUGGESTED THAT THE ORIGIN-**DESTINATION** TRIP TABLES SHOULD BE SURPLANTED BY THE USE OF PRODUCTION AND ATTRACTION TABLES WHICH OFFER MORE INFORMATION. REFERENCES ARE FURNISHED AND THE APPENDICES CONSIST OF TRIP ZONE PLOTTING MAPS OF THE DENVER METROPOLITAN AREA AND ZONE AND FINAL

EXPANSION FACTORS TABLES. /UMTA/
FILE REFERENCE: NTIS PB 229 395/AS
DESCRIPTORS: URBAN TRANSPORTATION **PLANNING** ; URBAN TRANSPORTATION PATTERNS
; **TRIP** GENERATION; **ROUTE** SURVEYING; MAPPING; METHODS; **PLANNING** ;
COMPUTER APPLICATIONS
SUBJECT HEADING: H11,ADMINISTRATION

21/5/4 (Item 4 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00239530 DA

TITLE: URBAN MASS TRANSIT PLANNING PROJECT, TECHNICAL REPORT NO 5:

RECOMMENDATIONS FOR URBAN MASS TRANSPORTATION RESEARCH

CORPORATE SOURCE: Voorhees, Alan M & Associates Inc,

SUPPLEMENTAL NOTES: PROJ NO TRD-3

PUBLICATION DATE: 19671200 PUBLICATION YEAR: 1967

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U; H)

DATA SOURCE: Urban Mass Transportation Administration

ABSTRACT: THE REPORT DOES NOT ATTEMPT TO RECOMMEND PRIORITIES AMONG THE PROPOSED RESEARCH TOPICS; RATHER, IT SEEKS TO PROVIDE AN INVENTORY OF RELEVANT STUDY PROJECTS FROM WHICH SUCH PRIORITIES CAN BE DEVELOPED. THE INTRODUCTORY TEXT EXAMINES SOURCES OF FEDERAL FINANCIAL ASSISTANCE FOR R&D AND CONCLUDES THAT DESPITE COMPREHENSIVE PROGRAMMING SUBSTANTIAL KNOWLEDGE GAPS REMAIN WITH REFERENCE TO CERTAIN BASIC TRANSPORTATION ISSUES. FOUR BROAD CATEGORIES OF RESEARCH RELEVANT TO THE PLANNING AND OPERATION OF MASS TRANSPORTATION ARE IDENTIFIED: (1) ADMINISTRATION; (2) SYSTEMS **DESIGN** ; (3) URBAN **TRAVEL** CHARACTERISTICS; AND (4) EDUCATION AND TRAINING. TWENTY-THREE SPECIFIC RESEARCH TOPICS ARE RECOMMENDED WITHIN THESE GUIDELINES, BROKEN DOWN BY PROBLEM, PROPOSED STUDY, AND RESEARCH STRATEGY. SIX ADMINISTRATIVE RESEARCH TOPICS ARE ADVANCED: (1) LEGAL IMPEDIMENTS TO IMPROVED TRANSIT SERVICE; (2) THE EFFECT OF LABOR REGULATIONS ON IMPROVED TRANSIT; (3) ADVANTAGES OF AN URBAN TRANSPORTATION MANAGEMENT ADVISORY CENTER; (4) THE RELATIONSHIP BETWEEN SCHOOL BUS AND TRANSIT SERVICE; (5) THE EFFECTIVENESS OF TRANSIT MARKETING; AND (6) THE IMPLICATIONS OF RISING LABOR COSTS. SEVEN SYSTEMS DESIGN PROPOSALS ARE ADVANCED: (1) THE IMPACT OF RAPID TRANSIT ON LAND USE; (2) A STUDY OF FORECASTING TECHNIQUES, PLANNING PROCEDURES, AND IMPACT ANALYSIS OF THE BAY AREA RAPID TRANSIT SYSTEM IN SAN FRANCISCO; (3) THE DEVELOPMENT OF IMPROVED ANALYTICAL AND MANAGEMENT TOOLS; (4) APPLICATION OF TRAFFIC ENGINEERING IMPROVEMENTS TO TRANSIT SYSTEMS DESIGN; (5) THE IMPACT OF TRANSIT SYSTEMS ON URBAN STRUCTURE; (6) A COMPARATIVE CASE ANALYSIS STUDY; AND (7) THE EFFECTS OF SPECIAL VEHICLE PRIORITIES ON URBAN FREEWAY LANES. SIX TOPICS WITH REFERENCE TO URBAN TRAVEL CHARACTERISTICS ARE DELINEATED: (1) THE IMPACT OF TRANSIT SERVICE ON TRAVEL PATTERNS; (2) THE EFFECT OF IMPROVED SERVICE ON TRANSIT PATRONAGE; (3) LAND USE TRANSPORTATION REQUIREMENTS; (4) DATA REQUIREMENTS FOR AN ORIGIN-**DESTINATION** SURVEY; (5) COMPREHENSIVE ANALYSIS OF FACTORS INFLUENCING MODE CHOICE; AND (6) TRAVEL BETWEEN AIRPORTS AND ADJACENT METROPOLITAN AREAS. FINALLY, FOUR EDUCATION AND TRAINING PROJECTS ARE PROPOSED: (1) SPECIALIZED TRAINING PROGRAMS; (2) SPECIALIZED TRAINING MATERIALS; (3) CREATION OF A TRANSPORTATION INFORMATION CENTER; AND (4) DEVELOPMENT OF AN URBAN TRANSPORTATION MANAGEMENT COURSE. /UMTA/

FILE REFERENCE: NTIS PB 180 489

DESCRIPTORS: PUBLIC TRANSIT; RESEARCH; REQUIREMENT

SUBJECT HEADING: H11,ADMINISTRATION; U42AHDP,TRANSIT PLANNING, POLICY, & PROGRAMS

21/5/5 (Item 5 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00228278 DA

**TITLE: AN INITIAL CHICAGO NORTH SUBURBAN TRANSIT IMPROVEMENT PROGRAM
1971-1975-VOLUME II: TECHNICAL SUPPLEMENT**

CORPORATE SOURCE: Pratt, Rh & Bevis Hw,
SUPPLEMENTAL NOTES: PROJ NO ILL-T9-2
PUBLICATION DATE: 19710700 PUBLICATION YEAR: 1971
LANGUAGE: English SUBFILE: HRIS (H)
DATA SOURCE: Urban Mass Transportation Administration
ABSTRACT: NINE APPENDICES TO A COMPREHENSIVE SHORT-RANGE TRANSIT
IMPROVEMENT PROGRAM FOR THE NORTH SUBURBAN AREA OF METROPOLITAN CHICAGO
ARE PRESENTED. APPENDIX A IS A USER ANALYSES SUPPLEMENT WHICH EXAMINES
AREA TRAVEL PATTERNS AND TRIP CHARACTERISTICS AS REVEALED BY A 1964
SURVEY OF SUBURBAN HOUSEHOLDS. THE DATA EMPHASIZE MODAL SPLIT BROKEN
DOWN AMONG SEVERAL VARIABLES INCLUDING AGE, **DESTINATION** , AND TRIP
GENERATION. THESE STATISTICS WERE USED TO DEVELOP TRAVEL FORECASTING
MODELS WHICH ARE DESCRIBED IN APPENDIX B. DERIVATION OF MODAL SPLIT
EQUATIONS IS OUTLINED IN DETAIL. APPENDIX C TABULATES RESULTS OF A
COMPREHENSIVE INVENTORY OF COMMUTER PARKING FACILITIES AT ALL RAILROAD
AND RAPID TRANSIT STATIONS. APPENDIX D CONTAINS ANALYSES OF SEVEN
PROPOSED SITES FOR CONSTRUCTION OF NEW RAPID TRANSIT STATIONS BY THE
SKOKIE SWIFT. APPENDIX E OUTLINES POTENTIAL ALTERNATIVES FOR IMPROVING
BUS TRANSPORTATION IN THE SUBURBAN AREA. OPERATIONAL MODES ARE
DISCUSSED WITH REFERENCE TO CONVENTIONAL SERVICE, RESERVED
RIGHT-OF-WAY, PULSE SCHEDULING, PREMIUM SERVICE, AND DEMAND-ACTUATED
OPERATION. SERVICE REQUIREMENTS FOR EACH OPTION ARE OUTLINED IN DETAIL.
APPENDIX F PROVIDES ADDITIONAL BUS ANALYSES, BROKEN DOWN AMONG USAGE
FORECASTING, CHARACTERISTICS OF SHORT VS. LONG TRIPS, THE SENSITIVITY
OF RIDERSHIP TO SERVICE FREQUENCY, AND THE PROBABLE EFFECT OF FARE
STRUCTURE ON PATRONAGE. APPENDIX G ATTEMPTS TO ESTIMATE THE IMPACT OF
IMPROVED BUS TRANSIT ON AREA EMPLOYMENT OPPORTUNITIES. APPENDIX H
OUTLINES OPERATING STATISTICS FOR EACH TRANSIT LINE CURRENTLY SERVICING
THE SUBURBAN AREA WITH REFERENCE TO TOTAL RIDERSHIP AND REVENUES. A
FINAL SECTION CITIES THE REACTIONS OF AREA TRANSIT OPERATORS TO
ESTABLISHMENT OF THE NORTH SUBURBAN **TRANSPORTATION** COUNCIL AND TO ITS
RECOMMENDED TRANSIT IMPROVEMENT PLAN. /UMTA/
FILE REFERENCE: NTIS PB 204 874
DESCRIPTORS: IMPROVEMENT; TRIP GENERATION; PUBLIC TRANSIT; MODAL SPLIT;
FORECASTING; MODEL; PARKING; RAPID TRANSIT SYSTEM; BUS TRANSPORTATION;
EMPLOYMENT; WORK **TRIPS** ; STATISTICS; **SCHEDULING** ; COMMUTERS; LAND USE
SUBJECT HEADING: H55,TRAFFIC FLOW, CAPACITY AND MEASUREMENTS

21/5/6 (Item 6 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00157821 DA
TITLE: TESTS OF THE TEMPORAL STABILITY OF TRAVEL SIMULATION MODELS IN
SOUTHEASTERN WISCONSIN
AUTHOR(S): Yunker, KR
CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,
NW , Washington, DC, 20418,
JOURNAL: Transportation Research Record Issue Number: 610 Pag: pp 1-5
SUPPLEMENTAL NOTES: This article appeared in Transportation Research Record
No. 610, Passenger Travel Demand Forecasting.
PUBLICATION DATE: 19760000 PUBLICATION YEAR: 1976
LANGUAGE: English SUBFILE: UMRIS; HRIS (U; H 7704)
AVAILABILITY: Transportation Research Board Business Office; 2101
Constitution Avenue, NW ; Washington; DC ; 20418
FIGURES: 7 Fig. TABLES: 1 Tab.
REFERENCES: 5 Ref.
ABSTRACT: The assumption of the stability of travel simulation models over
time is as assential element of the urban transportation planning
process. This assumption was tested using travel simulation models
developed with data from an origin and **destination** survey conducted
in 1963 and travel invensoty data from a similar study conducted in
1972. Both surveys were conducted by the Southeastern Wisconsin
Regional **Planning** Commission; the **travel** models tested were those
that had been used in the preparation of a regional land use and
transportation plan for southeastern Wisconsin that was completed in
1966. The testing performed as a part of the reappraisal of the land

use and **transportation recommendations** of 1966, which was of the temporal stability of the three major travel simulation models-trips generation, model split, and trip distribution-indicated that 1972 trip generation, transit use, and trip length characteristics within southeastern Wisconsin were predicted with adequate accuracy through the application of the original 1963 models. /Author/

DESCRIPTORS: TRAVEL PATTERNS; SIMULATION MODELS; STABILITY; URBAN TRANSPORTATION PLANNING; SURVEYS (DATA COLLECTION); DISSOLVING; LAND USE; TRIP GENERATION; TRIP DISTRIBUTION; MODAL SPLIT; PUBLIC TRANSIT
SUBJECT HEADING: H55, TRAFFIC FLOW, CAPACITY AND MEASUREMENTS; U42AHDP, TRANSIT PLANNING, POLICY, & PROGRAMS

21/5/7 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

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0783562 NTIS Accession Number: PB-299 984/5/XAB

Simplified Aids for Transportation Analysis: Estimating Parking Accumulation

(Final rept)

Peat, Marwick, Mitchell and Co., Washington, DC.

Corp. Source Codes: 029708000

Sponsor: Urban Mass Transportation Administration, Washington, DC.

Report No.: UMTA-IT-06-9020-79-5

Jan 79 47p

Languages: English

Journal Announcement: GRAI7925

See also PB-299 983, and PB-299 985.

Also available in set of 6 reports PC E11, PB-299 979-SET. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Contract No.: DOT-UT-50021; UMTA-IT-06-9020

This is one of a series of six reports describing simplified aids to improve **transportation decisions** without resorting to computers or extensive data collection. The analytical aid described in this report provides a method for estimating the accumulation of parked vehicles within a study area over the course of a typical weekday. Parking accumulation and utilization of parking facilities may be estimated for all parkers, long-term parkers, and/or short-term parkers, based on an estimate of daily automobile trip **destinations**, an inventory of available parking supply, and a set of parking 'accumulation factors' which may be derived from a parking survey within the study area. The primary use of the parking accumulation estimation method is to analyze the adequacy of available parking supply in relation to expected parking demand. The method may also be used to monitor and **suggest** revisions to automobile **travel** impedance values used in transportation **planning** models.

Descriptors: *Urban transportation; *Parking facilities; Estimates; Automobiles; Surveys; Demand(Economics); Supply(Economics); Decision making ; Systems analysis; Planning

Identifiers: Day of week; Transportation planning; NTISDOTUMT

Section Headings: 91B* (Urban and Regional Technology and Development--Transportation and Traffic Planning); 85H* (Transportation--Road Transportation); 43G (Problem Solving Information for State and Local Governments--Transportation)

?

25/3/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abstracts Online
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529520 ORDER NO: AAD75-13997
CRITERIA TO EVALUATE METROPOLITAN TRANSPORTATION PLANNING.
Author: JONES, THOMAS MORTON
Degree: PH.D.
Year: 1974
Corporate Source/Institution: SYRACUSE UNIVERSITY (0659)
Source: VOLUME 36/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 574. 401 PAGES

25/3/2 (Item 1 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)
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00090472 DA
TITLE: DUAL MODE TRANSIT SYSTEM. APPENDIX F: THE INTERACTION OF DMTS DEMAND AND SERVICE LEVELS
AUTHOR(S): Stern, M; Jones, T
CORPORATE SOURCE: International Research and Technology, 1501 Wilson Boulevard, Arlington, VA, 22209, Urban Mass Transportation Administration, 400 7th Street, SW, Washington, DC, 20590, Transportation Technology, Incorporated, PO Box 7293, Park Hill Station, Denver, CO, 80207,
REPORT NUMBER: IRT-349-R Final Rpt.
Pag: 171 pp
SUPPLEMENTAL NOTES: Prepared in cooperation with Transportation Technology, Inc., Denver, Colo. See also PB-239 894.
PUBLICATION DATE: 19740600 **PUBLICATION YEAR:** 1974
LANGUAGE: English **SUBFILE:** UMTRIS; HRIS (U; H 7503)
SOURCE ACCESSION NUMBER: u7511
ISSN: UMTACO-06-0006
AVAILABILITY: National Technical Information Service; 5285 Port Royal Road ; Springfield; VA ; 22161
ORDER NUMBER: PB-239893/1SL
DATA SOURCE: National Technical Information Service

25/3/3 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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1014820 NTIS Accession Number: AD-A123 808/8
A Q-Gert Analysis of the Space Shuttle Ground Turnaround System at Vandenberg Air Force Base
(Master's thesis)
Graham, S. ; Jones, T. W.
Air Force Inst. of Tech., Wright-Patterson AFB, OH. School of Systems and Logistics.
Corp. Source Codes: 000805004; 012250
Report No.: AFIT-LSSR-21-82
Sep 82 94p
Languages: English **Document Type:** Thesis
Journal Announcement: GRAI8311
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NTIS Prices: PC A05/MF A01
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File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02

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File 474:New York Times Abs 1969-2001/May 12

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File 475:Wall Street Journal Abs 1973-2001/May 11

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Set	Items	Description
S1	3254	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT? - OR ARRANG?) OR TRANSPORTATION() DECISION?
S2	128	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y() OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	235364	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	4525	S3 (5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	145778	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATING OR VALUING OR SCORE? ? OR SC- ORING
S6	95	S5 (5N) (METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GRO- UND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLA- NE OR PLANES OR CAR OR AUTOMOBILE? ? OR CARS OR ALTERNAT?) (2N-) (TRANSPORTATION OR TRAVEL??)
S7	315	(TRAVEL OR TRIP? ? OR ITINERAR?) (3N) (SOFTWARE OR DATABASE? OR ONLINE OR ON() LINE OR INTERNET? OR WEB OR WEBSITE? OR WEBP- AGE? OR HOMEPAGE? OR HOME() PAGE? ? OR PRODIGY OR OAG OR KIOSK? ?)
S8	0	(S1 OR S7) AND S2 AND S4
S9	0	S (S1 OR S7) AND S2 AND (TIME? ? OR ARRIVAL? OR DEPART?)
S10	5	(S1 OR S7) AND S6
S11	4	S10 NOT PY=1999:2001
S12	4	S11 NOT PD=980827:981231
?		

12/5/1 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
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07573157 NYT Sequence Number: 768804971225
**BUSINESS TRAVEL: PC MAGAZINE'S ADVICE: DON'T TRADE YOUR TRAVEL AGENT FOR A
WORLD WIDE WEB SITE JUST YET**
Levere, Jane L
New York Times, Col. 3, Pg. 4, Sec. D
Thursday December 25 1997
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:

PC Magazine rates many World Wide Web's top sites for business, as well as leisure, travel; suggests not to trade travel agent for World Wide Web site; magazine's observations on Web sites related to business travel noted; Lufthansa in January will introduce \$150 million upgrade of its long-haul first-class and business-class service, in effort to catch up with trans-Atlantic competitors; Leading Hotels of the World, reservations organization that represents more than 300 luxury hotels, has begun guest recognition program; travelers can participate in program only if they are nominated by hotel general manager (Business Travel column) (L)

COMPANY NAMES: PC Magazine; Lufthansa German Airlines; Leading Hotels of the World (Orgn)
DESCRIPTORS: Travel and Vacations; Business **Travel** (Times Column); **Internet** and World Wide Web; Computers and Information Systems; **Travel** and Vacations; Ratings and **Rating** Systems; **Travel** Agencies and Agents ; Airlines and **Airplanes** ; **Travel** and Vacations; Hotels and Motels
PERSONAL NAMES: Levere, Jane L

12/5/2 (Item 2 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2001 The New York Times. All rts. reserv.

07443235 NYT Sequence Number: 624888960801
THE CD-ROM WAY TO GO: PLANNING TRIPS ON SCREEN
Pepper, Jonathan
New York Times, Col. 1, Pg. 2, Sec. C
Thursday August 1 1996
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:

New software allows motorists to map and **evaluate** various **travel** scenarios and **options** easily and provides useful information on hotels, restaurants and attractions; a comparison of Tripmaster (Rand McNally), AAA Map 'N' Go (DeLorme) and Automap; photo (M)

SPECIAL FEATURES: Photo; Map
COMPANY NAMES: Delorme Mapping Co; Rand McNally & Co; Automap Inc
DESCRIPTORS: Travel and Vacations; Roads and Traffic; Maps; Software Products; Computers and Information Systems
PERSONAL NAMES: Pepper, Jonathan

12/5/3 (Item 3 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2001 The New York Times. All rts. reserv.

00250481 NYT Sequence Number: 015051720615
Nassau County Exec Caso announces, June 14, that entire Nassau bus system, now in hands of 10 private cos, will be purchased at a total cost of \$10-million and operated by public agency, either MTA or an auth set up by Nassau County, news conf; decision to take over lines was reptdly made after operators of 10 bus cos approached county for continuation and

increase of operating subsidies county has been paying to cos over last 6 mos to prevent them from folding; Caso says takeovers, through negotiated purchase or outright condemnation, if county's price cannot be met, are expected to be completed by 1st qr of '73; releases rept prepared by County Transportation Dept outlining takeover plans; notes rept shows 11.2% decline in passengers carried during last yr while fares increased substantially and number of routes declined; asserts takeover is essential since over 50% of county's residents are unable to drive auto because of age, income or personal handicap and since opponents of takeover have suggested no alternate means of transportation; says he prefers MTA to take over bus operations; rept notes takeover would mean revision in fare structure and expansion and coordination of existing routes and schedules to include better links to LIRR; MTA Chmn Ronan repts he discussed Nassau bus situation with Caso but has not reached decision on whether MTA should operate lines; some \$3-million of \$10-million needed to purchase lines will come from NYS and MTA and balance would have t

New York Times, Col. 1, Pg. 1

Thursday June 15 1972

DOCUMENT TYPE: Newspaper; Editors Note JOURNAL CODE: NYT LANGUAGE: English RECORD TYPE: Abstract

COMPANY NAMES: LONG ISLAND RR CO; TRANSPORTATION AUTHORITY, METROPOLITAN (MTA)

DESCRIPTORS: TRANSIT SYSTEMS

PERSONAL NAMES: ANDELMAN, DAVID A; CASO, RALPH G; RONAN, WILLIAM J

GEOGRAPHIC NAMES: LONG ISLAND (NY); NASSAU COUNTY (NY); NEW YORK CITY METROPOLITAN AREA

12/5/4 (Item 4 from file: 474)

DIALOG(R) File 474:New York Times Abs

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00054616 NYT Sequence Number: 054614691019

Transportation Dept weighs Comsat-type corp to aid intercity trains; corp, tentatively named Railpax, would be owned by pub and indus; Fed RR Admr Whitman concedes long-haul transcontinental service has little future, Sen subcom hearing; sees emphasis on short-haul, high density corridors and skeletal long-distance service; dept weighs plan to grant Fed aid to local agencies to support service on certain routes; also revs plan to grant Fed aid for train, road-bed and station improvements)

New York Times, Col. 5, Pg. 28, Sec. 5

Sunday October 19 1969

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

DESCRIPTORS: PASSENGER SERVICES; RAILROADS

PERSONAL NAMES: LINDSEY, ROBERT; WHITMAN, REGINALD N (ADMR)

File 15:ABI/Inform(R) 1971-2001/May 12
(c) 2001 Bell & Howell
File 16:Gale Group PROMT(R) 1990-2001/May 11
(c) 2001 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2001/May 11
(c)2001 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2001/May 11
(c) 2001 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2001/May 11
(c) 2001 The Gale Group

Set	Items	Description
S1	120739	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT? - OR ARRANG?) OR TRANSPORTATION() DECISION?
S2	38247	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y()OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	11759800	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	551587	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	6226499	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATE? ? OR RATING OR VALUING OR SCO- RE? ? OR SCORING
S6	14423	S5(5N) (TRANSPORTATION? OR (METHOD? OR MODE OR MODES OR OPT- ION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR PLANES OR CAR OR AUTOMOBILE? ? OR CA- RS) (2N) TRAVEL?)
S7	1331	S1(S) S4
S8	315	S7(S) (SOFTWARE OR DATABASE? ? OR ONLINE OR ON() LINE OR INT- ERNET? OR (WORLDWIDE OR WORLD() WIDE) () WEB OR AUTOMATE? OR ELE- CTRONIC? OR PRODIGY OR OAG)
S9	162	S8 NOT PY=1999:2001
S10	120	RD (unique items)
S11	2	S10(S) S2
S12	6	S7(S) S2
S13	5	RD (unique items)
S14	3	S13 NOT PY=1999:2001
S15	79	S1(S) S2(S) (TIME? ? OR ARRIVAL? OR DEPART? OR HOUR?)
S16	60	S15 NOT PY=1999:2001
S17	57	S16 NOT PD=980827:981231
S18	47	RD (unique items)
S19	160	S1(S) S6
S20	301147	(METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GROUND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLANE OR P- LANES OR CAR OR AUTOMOBILE? ? OR CARS OR ALTERNATIVE?) (2N) (TR- AVEL? OR TRANSPORTATION)
S21	1034	(RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITI- S? OR WEIGH? OR EVALUAT? OR VALUING OR SCORE? ? OR SCORING) (5- N) S20
S22	57	S1(S) S21
S23	47	S22 NOT PY=1999:2001
S24	42	S23 NOT PD=980827:981231
S25	37	RD (unique items)
S26	40021	(TRAVEL OR TRIP? ? OR ITINERAR?) (3N) (SOFTWARE OR DATABASE? OR ONLINE OR ON() LINE OR INTERNET? OR WEB OR WEBSITE? OR WEBP- AGE? OR HOMEPAGE? OR HOME() PAGE? ? OR PRODIGY OR OAG)
S27	13	S26(S) S21
S28	13	S27 NOT S22
S29	6	RD (unique items)
S30	0	S29 NOT PY=1999:2001

14/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05656614 Supplier Number: 50114841 (USE FORMAT 7 FOR FULLTEXT)
Flip chip package failure mechanisms
SMT Trends, pN/A
May 1, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newsletter; Trade
Word Count: 3233

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...eliminates the need to painstakingly re-create bond fingers at proper rotation angles after each movement. In addition, if the die size or I/O **locations** change **midway** through the design process (as in a "die shrink"), the wire bonds should automatically re-align with the new locations. Traditional tools require that the...

...die specifications change. For single chip packages, the ability to route without a netlist is a significant time saver. Advanced packaging software can create the **route schedule** from the bond fingers or vias to the ball pads, and then automatically generate a netlist from the completed layout (for documentation and test purposes). This eliminates **time** spent on netlist creation and **allows** far more flexibility to achieve high-density routing patterns. For multichip packages (typically 2-4 die per package), the software should support a traditional netlist...

14/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

10161261 SUPPLIER NUMBER: 20114742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Everybody - but everybody - is joining the high speed rail club.
Siuru, Bill
Mass Transit, v23, n5, p44(5)
Sep-Oct, 1997
ISSN: 0364-3484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2082 LINE COUNT: 00159

... maglev route between Berlin and Hamburg. Fourteen, six-section trainsets each with a capacity of 500 passengers are planned. Operating at 15-minute intervals, the **total travel time , including stops** at three **intermediate** stations, will be one hour. It is estimated that annual ridership could eventually exceed 17 million passengers. The Berlin-Hamburg route is part of a longer-range government **plan** to enhance east-west **travel** in Germany. The Transrapid maglev **design** has been extensively tested with full-scale prototypes over the past decade and a half on a 31.5 km Emsland test loop near Bremen...

14/3,K/3 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

04896699 SUPPLIER NUMBER: 08821324 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New & improved. (computer products)
Murray, Rink
PC Magazine, v9, n16, p53(4)
Sept 25, 1990
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 666 LINE COUNT: 00051

... text, PCX, TIFF, and IGM-GEM files into Group III files, transmits in background mode at speeds up to 4,800 bps, and can send **multiple** faxes

to multiple destinations . The Traveler also has Time Scheduled Transmission, allowing users to transmit when phone rates are the lowest. The Traveler connects directly to your computer's serial port via an RS-232 pin adapter...

18/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01625601 02-76590

Investigating consumers' tendency to combine multiple shopping purposes and destinations

Dellaert, Benedict G C; Arentze, Theo A; Bierlaire, Michel; Borgers, Aloys W J; Timmermans, Harry J P

Journal of Marketing Research v35n2 PP: 177-188 May 1998

ISSN: 0022-2437 JRNL CODE: JMR

ABSTRACT: Because of the increasing time pressure they face, many consumers are becoming more concerned about the efficiency of their shopping patterns. Retailers have recognized this trend and have improved shopping...

... is known about how consumers improve the efficiency of their shopping trips or how changes in retail supply affect the way in which consumers combine multiple purposes and destinations. Building on previous work in consumer shopping trip modeling and conjoint design theory, a choice-based conjoint approach to studying and modeling this phenomenon is introduced and illustrated in a case study that investigates the tendency of Dutch shoppers to combine grocery, drugstore, and clothing purchases across multiple shopping destinations. The tendency of consumers to combine purchases differs from category to category and depends on category availability. ...

18/3,K/2 (Item 2 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01588402 02-39391

Finding the perfect route

Mele, Jim

Fleet Owner v93n2 PP: TC12-TC16 Feb 1998

ISSN: 1070-194X JRNL CODE: FOW

WORD COUNT: 1840

...TEXT: In simplest terms, customer orders are fed into the system and it quickly determines who should make each stop, in what order, and by what route.

Initially, route - planning software was limited to large operations because it carried a relatively high initial price and was available only in DOS-based versions that required well-trained staff. Today, virtually all route - planning programs are Windows-based, have easy-to-use graphical interfaces, and can run on stand-alone PCs. At the same time, the high-end programs have added many new features and functions for large and complex distribution operations, while other developers now offer simpler, lower-cost packages for smaller fleets, as well as programs closely tailored for specific applications such as fuel-oil delivery or multi stop truckload operations.

Better

interfaces, lower prices, and increased functionality have now moved routeplanning software from the leading edge to the mainstream. But according to software...

18/3,K/3 (Item 3 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
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01560152 02-11141

Clarification of cumulative attractivity as a concept and its measurement:

Comments on Lue, Crompton, and Stewart

Beaman, Jay; Jeng, Jiann-Min; Fesenmaier, Daniel R
Journal of Travel Research v36n2 PP: 74-77 Fall 1997
ISSN: 0047-2875 JRNL CODE: JTR
WORD COUNT: 3677

...TEXT: of different cumulative attractivity concepts and the relation of regression coefficients to these, first consider that Figures 1 and 2 illustrate the concept of trip **multiple destination** cumulative attractiveness (TMDCA). Expected likelihoods (i.e., partial utility levels) are shown for an individual **planning** a variety of different **trips** with a given **time** and money constraint and **multiple secondary destinations** (i.e., **secondary locations** with fixed **destination attributes** 50 miles from Austin, and, when there are two **secondary destinations**, they are separated by 50 miles and accessible from Austin in about the same amount of **time**). It is reasonable to describe $m_{sub 1}$ as a measure under the given conditions of TMDCA when adding one **secondary destination** to a trip. When two **secondary destinations** are included, the expression of interest is: $a + m_{sub 1} + m_{sub 2}$ (V_1). In this case $m_{sub 2}$ is the incremental effect of adding one more **secondary destination**. In Figure 1, $m_{sub 1}$ and $m_{sub 2}$ are shown as being positive, but in Figure 2 both are shown as negative.

If...

18/3,K/4 (Item 4 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01296568 99-45964

Hotel Franchising: Let's play the name game!

Sheridan, Mike

National Real Estate Investor v38n9 PP: 45-56 Sep 1996

ISSN: 0027-9994 JRNL CODE: NRE

WORD COUNT: 3183

...TEXT: into our system are at airport hotels, and we're going to tie them together with an airport marketing strategy, since the people using them **travel to multiple locations**."

Construction as a marketing tool Rapid construction of, or conversion to, new brands is important, say those in the industry. Many of the new brands feel...

...To date, construction has come at about \$30,000 per room - the reason so many Microtels can be built in such a short amount of **time**, says Levin.

"We want brand awareness," he says. "You can create brand awareness by distribution or by massive amounts of advertising. If you don't..."

18/3,K/5 (Item 5 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
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01149541 97-98935

An interactive algorithm for vehicle routeing for winter - Gritting

Li, Leon Y O; Eglese, Richard W

Journal of the Operational Research Society v47n2 PP: 217-228 Feb 1996

ISSN: 0160-5682 JRNL CODE: OQT

...ABSTRACT: travel once down all those roads requiring treatment, as it can spread the salt onto both sides of the carriageway. The problem of how to **design routes** for gritters which will minimize costs is considered. This problem is a type of capacitated arc routing problem including consideration of **multiple depot locations**, limited vehicle capacities, **time constraints** on when roads must be gritted, roads with different

priorities for gritting, the existence of one-way roads and salt-refilling locations. The objective...

... the number and capacity of gritters. A heuristic algorithm is devised with a computer program which allows user-interaction and provides a practical tool for **planning gritter routes**.

18/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01139917 97-89311
Ready and able
Bodner, Karen
Successful Meetings v44n13 PP: 55-59 Dec 1995
ISSN: 0148-4052 JRNL CODE: SMM
WORD COUNT: 255

...TEXT: wider range of knowledge," says Jorgensen. "We know how the airlines work."

The following chart lists the major travel agencies that handle meeting and incentive **travel planning**. Fee structures and services vary greatly, but all of these agencies are capable of supplementing a **department** that is shorthanded or involved in planning a special project. Many have **multiple locations**.

18/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01104128 97-53522
A circle line for Washington?
Allan, Stanley
Railway Age v196n10 PP: 55-59 Oct 1995
ISSN: 0033-8826 JRNL CODE: RAA
WORD COUNT: 2036

...TEXT: users to form car pools to reduce congestion, pollution, parking requirements, and general travel costs. This works for common destination trips. But individuals traveling to **multiple destinations** present unworkable conditions for carpooling, especially when considering the variable **time** frame of both **planned** and spontaneous **trips**, as well as the flexibility of personal reactions to mood, weather, peak **hour** conditions, emergency, and temperament. People invest a significant amount of their income in the purchase and operation of their automobiles, confidently expecting to rely on...

...becoming increasingly clear that some of these Clean Air Act regulations are likely to be ignored by large numbers of car owners. At the same **time**, drivers seem to have a high level of acceptance for the stress of gridlock conditions, what with sound equipment and telephones as diversions.

* The Beltway...

18/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00873158 95-22550
Portable data base guides package handling at UPS
Anonymous
Modern Materials Handling v49n7 PP: 58-S8-58-S9 Jun 1994
ISSN: 0026-8038 JRNL CODE: MMH

...ABSTRACT: to speed sortation at a Grand Rapids, Michigan, hub, the bar code will eventually carry information critical to all stages of routing and delivery. At **multiple** inbound and outbound **locations** in the hub, fixed-position overhead scanners read the labels as packages pass by on conveyors at 300 ft/min. The information is passed to a computer that controls sortation, directing each package to the appropriate lane. Under the pilot program conditions, bar codes always arrive at scanners undamaged. In **time**, the bar codes will even help local **route** drivers organize the **arrangement** of packages in their trucks.

18/3,K/9 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00816996 94-66388

Rescue me!

Kenirey, Coleen

Successful Meetings v42n11 (Part 1) PP: 97-112 Oct 1993

ISSN: 0148-4052 JRNL CODE: SMM

WORD COUNT: 518

...TEXT: basis. The client's needs and the size and nature of the program being planned are considered.

The following chart (page 101) lists the major **travel** agencies that handle meeting **planning**, and the percentage of the agents that have been given training in meeting planning techniques. (Chart omitted) Fee structures and services vary greatly, but all these agencies are capable of supplementing a **department** that is shorthanded or planning a special project. Most have **multiple locations**.

18/3,K/10 (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00721070 93-70291

The special-interest travel market

Sorensen, Lynne

Cornell Hotel & Restaurant Administration Quarterly v34n3 PP: 24-28+ Jun 1993

ISSN: 0010-8804 JRNL CODE: CHR

WORD COUNT: 3119

...TEXT: than by travel agents. The typical company begins with a charismatic world wanderer who wants a travel experience not found in the typical, broad-based, **multi - destination** motor-coach tour offered on retail agencies' brochure racks. So the traveler--a man, let's say--puts together his own trip off the beaten...

... putting together similar trips as a favor for those friends. Then other friends (and their friends) ask him if they can go along the next **time** he is going somewhere. As word of those travel experiences begins to spread, the traveler finds himself in a position where his avocation is becoming a vocation. Either he has to package these travel experiences and sell them for a profit or back out of using all his free **time** to **plan trips** for other people.

At this point, a new special-interest packaging company takes shape, complete with company name, bank account, insurance, omce (usually at home
...

18/3,K/11 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00533274 91-07618

War Stories of the Road Warriors

Rosen, M. Daniel

Sales & Marketing Management v143n1 PP: 67-71 Jan 1991

ISSN: 0163-7517 JRNL CODE: SAL

WORD COUNT: 2767

...ABSTRACT: cope with the problems associated with business travel. Richard Goodstein, management development manager of Zimmer Inc., leaves home a day early to give himself recovery **time** when he arrives at his destination. In addition, he does exercises while other passengers are sleeping. Businesspeople find that travel is more convenient when they are able to choose the **time** and place. Goodstein tries to avoid **scheduling** a **trip** when there is a convention in town, in addition to staying away from **locations** that require **multiple** airplane changes. Virtually all travelers agree that it is important to learn to travel light. Marcella Leaton, who owns and operates Marcella Enterprises, states that...

18/3,K/12 (Item 12 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00404253 88-21086

Lauda Air Initiates 767 Service on Routes to Australia, Hong Kong

Shifrin, Carole A.

Aviation Week & Space Technology v128n20 PP: 72-73 May 16, 1988

ISSN: 0005-2175 JRNL CODE: AWS

ABSTRACT: After operating charter flights only, Lauda Air recently began **scheduled** air service, with **routes** from Vienna to Sydney, Australia, and Hong Kong, and **intermediate stops** in Bangkok. Lauda is flying a new Boeing 767-300ER extended-range aircraft on the route after winning permission to compete on a limited basis...

... 767 with Pratt & Whitney PW4000 engines. To be competitive, Lauda will try to attract business customers with increased leg room, good service, and shorter flying **times** than competitors. Although the company recently was restructured to become a joint stockholding company, it may be some **time** before Lauda finances aircraft purchases with stock offerings. Niki Lauda, the former Formula 1 race car driver, is president of Lauda Air and owns 51...

18/3,K/13 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05656614 Supplier Number: 50114841 (USE FORMAT 7 FOR FULLTEXT)

Flip chip package failure mechanisms

SMT Trends, pN/A

May 1, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newsletter; Trade

Word Count: 3233

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...wire bond length, wire bond angle and bond finger clearances. These rules drive automated algorithms to produce optimized bond finger patterns and significantly shorten the **time** spent on this step, while ensuring high reliability and manufacturing yields. While wire bonding is still the primary method for chip attachment, there is growing...

...users to draw each wire bond by hand, a tedious process that can make it difficult to meet manufacturability requirements. Specialized software can provide additional **time** -savings, such as automatically maintain ing

proper alignment between the bond finger and wire bond if the user moves a bond finger while routing. This eliminates the need to painstakingly re-create bond fingers at proper rotation angles after each movement. In addition, if the die size or I/O **locations** change **midway** through the design process (as in a "die shrink"), the wire bonds should automatically re-align with the new locations. Traditional tools require that the entire design be manually reworked when the die specifications change. For single chip packages, the ability to route without a netlist is a significant **time** saver. Advanced packaging software can create the **route schedule** from the bond fingers or vias to the ball pads, and then automatically generate a netlist from the completed layout (for documentation and test purposes). This eliminates **time** spent on netlist creation and allows far more flexibility to achieve high-density routing patterns. For multichip packages (typically 2-4 die per package), the...

...diagonal between pins than at 90 degrees.' Integration of electrical, thermal and EMI analysis tools early in the design cycle is becoming critical as rise-**times** increase. Typical integration schemes involve an interpreter that extracts the design database and creates an intermediate file for analysis. The resulting process is cumbersome: the...

...of the results, return to the design tool to make adjustments, and repeat. In addition, since only one analysis tool can be used at a **time**, the engineer may resolve all electrical problems only to find thermal or EMI problems have been created in the process. By providing access to multiple...step by hand, at the end of the design process. Advanced packaging design software does it automatically as the pads and vias are created, saving **time** and improving consistency. Metal area manipulation is another important function, allowing users to control metal areas for die mounting, power rings, thermal management, copper balance...

...advanced packaging tools, letting designers avoid shorts, scrap and rework. Packaging-specific algorithms, online DRC, and the ability to get the design "right the first **time**" are a few of the benefits of specialized advanced packaging software that can reduce design **times** up to 70 percent even as package pin counts increase by 30 percent, according to Robert Wenzel, director of the Design Center at Abpac Inc. "Design **time** for a typical 256-pin custom BGA can run from 10 to 15 days using AutoCAD," Wenzel said. "With the newly released [software], we were..."

18/3,K/14 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05417121 Supplier Number: 48217799 (USE FORMAT 7 FOR FULLTEXT)
TACA Finds Greater Strength In Numbers
World Airline News, v8, n2, pN/A
Jan 9, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1036

... of the world is through alliances."
TACA's efforts may well make it a more attractive partner. For instance, the carrier is completely restructuring its **schedules**. In addition to adding numerous **routes** and frequencies in South America, TACA is "seriously considering major changes in the way we serve the East Coast of the United States," said Baldanza. "Today, we have **multi-stop** service with larger aircraft. We're looking at more nonstops with smaller aircraft." By doing so, and by scheduling its 45 aircraft as one rather than five fleets, TACA will increase utilization of its 737s from six **hours** a day to nine and a half **hours** a day in its 1998 schedule.
Other changes include the addition of a business class starting this spring. The class will feature seats identical to...

18/3,K/15 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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04326915 Supplier Number: 46343075 (USE FORMAT 7 FOR FULLTEXT)
**CONSOLIDATED ENGINEERING AWARDED CONTRACT TO SERVICE OVER 40 AREA CVS
PHARMACIES USING UNIQUE ROUTE SERVICE SYSTEM**
PR Newswire, p0430DCTU044
April 30, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 778

... Many of these older locations were acquired when CVS purchased the locally based, 500-store People's Drug chain in 1990. Consolidated's highly efficient **Route Service System** will ensure regularly **scheduled** visits to each **CVS location** by a **multi**-trade Route Service Technician in a fully-equipped vehicle, who will acquire a thorough knowledge of the location system, and build a solid working relationship with CVS staff. These regular evaluations and preventive maintenance servicing of each system will dramatically reduce breakdowns -- and ultimately save CVS **time** and money.

Prior to awarding Consolidated the contract, CVS handled the HVAC system maintenance and repair in its D.C. portfolio with in-house resources ...

18/3,K/16 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04298605 Supplier Number: 46300168 (USE FORMAT 7 FOR FULLTEXT)
**AMTRAK EMPIRE BUILDER AND PIONEER TOGETHER OFFER SERVICE BETWEEN CHICAGO
AND PORTLAND-SEATTLE EVERY DAY**
PR Newswire, p0412DCF030
April 12, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 497

... Milwaukee; St. Paul; Minot, N.Dak.; Whitefish, Mont., and Spokane while en route to Portland and Seattle from Chicago.

The Amtrak Pioneer (train #25) will **depart** west from Chicago on Sundays, Tuesdays and Thursdays. The eastbound Pioneer (train #26) will operate east from Seattle on Mondays, Wednesdays and Saturdays. This train operates via Omaha, Neb.; Denver; Ogden, Utah; Boise, Ida., and Portland, Ore., while en **route** to Seattle from Chicago.

The **schedules** of both trains will also change slightly at origin and destination points and at intermediate stations.

On-time performance for the Empire Builder is being...

18/3,K/17 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04049112 Supplier Number: 45889953 (USE FORMAT 7 FOR FULLTEXT)
GULF AIR BEGINS ONLY DIRECT AIR SERVICE BETWEEN HOUSTON, MIDDLE EAST
PR Newswire, p1027LA031
Oct 27, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 754

... extended flights that was recently ranked as the favorite of international passengers in a survey by the U.S. Travel and Tourism Agency. Flights will **depart** Houston's Mickey Leland International Airlines Building at 3 p.m. on Tuesday, Thursday, Friday and Sunday, and fly direct to the Middle East after a stop in New York's John F. Kennedy Airport.

Twice a week (Thursday and Sunday), the **plane** will **travel** from Houston to New York, then nonstop to Bahrain. On Tuesday and Friday, it will make an **intermediate stop** in Larnaca, Cyprus, before continuing on to either Doha or Abu Dhabi. This schedule is designed to provide the maximum benefit for both passengers and...

18/3,K/18 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03968373 Supplier Number: 45755305 (USE FORMAT 7 FOR FULLTEXT)
Dedicated routes help efficiency in several areas
Automatic Merchandiser, p58
Sept, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1743

... before the break.

A dedicated food (or food and dairy) route only delivers to the perishable food machines, and therefore could get to many more **locations** than a **multi** -product route could, before the break. In addition, many professionals **schedule** their dedicated food **routes** to function as night or early morning, (3 a.m. to 4 a.m.) routes. This enables the drivers to cover even more locations since they are working during the **hours** when traffic and congestion are at a minimum.

Some higher volume locations insist that a vending route driver visit their location every day. A dedicated...

18/3,K/19 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

03318935 Supplier Number: 44587724 (USE FORMAT 7 FOR FULLTEXT)
NAVIGATION: COMPTON'S TO PUBLISH GEOSYSTEMS MAP SYSTEM USING AAA TOUR DATA
Inside IVHS, v4, n8, pN/A
April 11, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 769

... trip planner on May 1, says Elizabeth Harris, product manager at the Carlsbad, Calif. publisher. The suggested retail price will be \$59.95.

The **AAA Trip Planner**, which runs under Microsoft Windows, allows users to generate travel routes by indicating a starting point, a final **destination**, and up to nine **intermediate stopping** points. The system provides driving directions in both text and graphic format, including information such as mileage and travel **times**. The result is "like a trip ticket" -- the printed set of customized travel directions the AAA generates for a member **planning a trip** -- Harris says.

The software also provides data on restaurants, lodgings and attractions along the route, including information on hours of operation, pricing and credit card...

18/3,K/20 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

03223660 Supplier Number: 44423830 (USE FORMAT 7 FOR FULLTEXT)
Expert Software Inc.
Computer Retail Week, p42
Feb 7, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 162

... mountains or monuments. A QuickPlanner feature allows users to type in the destination and origination point to map out a trip that includes estimated speed, **intermediate stops** and road types to help optimize **travel time**.

Expert CD-ROM **Travel Planner** Gold Edition for Windows requires a 386SX minimum system with 2M bytes of RAM running at least DOS 3.1 with Windows 3.1 and...

18/3,K/21 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03098177 Supplier Number: 44221822 (USE FORMAT 7 FOR FULLTEXT)
Florida Incentive: ATA Offers 12% From 3 Cities
Tour & Travel News, v0, n0, p22
Nov 8, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 411

... range from \$218-\$258 for Orlando and St. Petersburg, while unrestricted fares for Fort Lauderdale and Fort Myers will range from \$238 to \$298.

Six-times -per-week service is also being added between Phoenix and Chicago's Midway Airport, making Phoenix the ninth **destination** ATA has added to **Midway** for **scheduled** service. Starting Dec. 15, leisure **travelers** can fly to Phoenix for \$99 each way (\$198 roundtrip) for night coach service, \$109 each way (\$218 roundtrip) for off-peak service and \$129 each way (\$258 roundtrip) for peak **travel**.

Schedules are determined by the availability of aircraft. In the case of Milwaukee, the four Florida flights will be daily, Tague said.

COMPLEMENTS CHARTERS

'In Philadelphia...

18/3,K/22 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

02024025 Supplier Number: 42601074
America West adds Columbus
Arizona Republic (Phoenix, AZ), pB6
Dec 17, 1991
Language: English Record Type: Abstract
Document Type: Newspaper; Trade

ABSTRACT:

America West Airlines (Phoenix, AZ) **plans** non-stop **trips** from Columbus, OH, to Chicago, IL, to begin 2/1/92. The airline flew to Columbus for the 1st **time** on 12/15/91, and announced plans to fly from Columbus to Florida, Chicago, and Phoenix. President Michael Conway said the airline will begin 4 daily non-stop flights from Columbus, OH, to Chicago's **Midway** Airport, and 3 non-stop flights/d to new destinations in Florida. The carrier will also add a 3rd round-trip flight to Phoenix, giving it 17 daily round trips...

18/3,K/23 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

01507253 Supplier Number: 41831624 (USE FORMAT 7 FOR FULLTEXT)
Handshake is all that's missing
Communications News, p20
Feb, 1991
Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade
Word Count: 526

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The Southern Company, largely expansive, with facilities in **multi - locations**, was finding it increasingly difficult to communicate effectively with other divisions of the company. **Scheduling** meetings, **travel**, budgets, inability to take full advantage of expertise from individuals, and **time** away from work were hindering productivity within the conglomerate.

18/3,K/24 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

01100985 Supplier Number: 41233825 (USE FORMAT 7 FOR FULLTEXT)
NEW FOR IBM: Train Noise Level Prediction Software
Newsbytes, pN/A
March 20, 1990
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 228

... 25,000 Australians. Each train would have a capacity of around 400 people, with non-stop Sydney-Melbourne trips running every 30 minutes and one **intermediate stopping** train **departing** every **hour**. Fares will probably be competitive with airfares, and offer an alternative to those who do not **travel** by **plane**.
(Sean McNamara/19900314)

18/3,K/25 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01906322
American to expand hub operations by 7%
Dallas Morning News (TX) April 1, 1988 p. D;1

... The connecting bank, which will be scheduled during 9:30 to 10:20 pm, is created when several flights arrive from several origins and then **depart** an **hour** later to other **destinations**, permitting passengers to have **multiple** connections. American will have total daily flights at D/FW to 362, with the additional 14 **arrivals** and 10 more **departures**. American Airlines will provide service to 92 destinations directly from D/FW. Additional service comes after daylight savings **time**, when many airlines accommodate **schedules** for the spring and summer **travel** season. American Airlines has 60% of the business and dominates service at D/FW, with Delta Air Lines being a distant no 2 with less...

18/3,K/26 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

10374535 SUPPLIER NUMBER: 21005570 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Esprit Telecom National Microwave Network Operational in Netherlands.
Business Wire, p8121002
August 12, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 525 LINE COUNT: 00048

... 5 Gbits/second (STM-16). It uses SDH technology, which allows for the construction of "self-healing" networks, known as such because traffic typically has **multiple** paths to any **destination**. Initially, the network has the capacity to carry up to 90 billion minutes of annual voice traffic.

Using dense wave division multiplexing (DWDM) technology, the capacity of the Esprit Telecom network can be increased by up to forty **times** . The London-Paris fibre ring, measuring 1267 route kilometres, went live in April 1998 and the use of DWDM technology on the **route** is now **planned** .

Esprit Telecom

Esprit Telecom Group plc, a Nasdaq and Easdaq quoted company trading under the symbols "ESPRY" and "ESPR" respectively, is one of the largest...

18/3,K/27 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

10363852 SUPPLIER NUMBER: 20987346 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Acquisition: Switchboard Inc. Acquires Maps On Us From Lucent Technologies.
(Company Business and Marketing)
EDGE, on & about AT&T, v12, n17, p14(1)
May 25, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 671 LINE COUNT: 00058

... on Us customers include AT&T WorldNet, Nintendo, and USA Today.
Maps on Us unique features allow users to: * create turn-by-turn directions with **multiple intermediate route locations** * work with sophisticated interactive mapping functions * set user preferences and build a "Hot List" of favorite places to visit * set a home, work, start and end marker to ease **route planning** * save and add map and **route** images to the users' Web sites * set general, security, map, and route preferences * e-mail maps, routes or yellow page results to friends
Switchboard is the leading white and yellow pages directory on the Web. More than 40 million **times** each month, Switchboard helps consumers find the information they need, whether it is locating a long lost friend or the nearest restaurant, hotel, or automobile...

18/3,K/28 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

10238880 SUPPLIER NUMBER: 20644206 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A model of efficiency. (logistics at Whirlpool Corp)
Appliance, v55, n4, p69(1)
April, 1998
ISSN: 0003-6781 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 937 LINE COUNT: 00080

... the same level of customer service when the need arises - whether making 100 or 500 service stops.

Previously, Whirlpool relied on local dispatchers to develop **routes** and daily **schedules** for technicians at each of 22 branch locations. The dispatchers handled this function manually through a pins and maps method to plot customer **locations** (literally using **multi** -colored pins on an oversized map on the wall). Creating daily schedules took **hours** and had to be prepared days in advance. Any changes resulted in long delays and **hours** of additional work.

The only real advantage to this system was the vast and intimate knowledge each dispatcher had related to his/her particular region...

18/3,K/29 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

10161261 SUPPLIER NUMBER: 20114742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Everybody - but everybody - is joining the high speed rail club.
Siuru, Bill
Mass Transit, v23, n5, p44(5)
Sep-Oct, 1997

ISSN: 0364-3484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2082 LINE COUNT: 00159

... between Berlin and Hamburg. Fourteen, six-section trainsets each with a capacity of 500 passengers are planned. Operating at 15-minute intervals, the total travel **time**, including **stops** at three **intermediate** stations, will be one **hour**. It is estimated that annual ridership could eventually exceed 17 million passengers. The Berlin-Hamburg route is part of a longer-range government **plan** to enhance east-west **travel** in Germany. The Transrapid maglev **design** has been extensively tested with full-scale prototypes over the past decade and a half on a 31.5 km Emsland test loop near Bremen...

18/3,K/30 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08646585 SUPPLIER NUMBER: 18260807 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NIPSCo automates inspection, maintenance records system. (Northern Indiana Public Service Co.)
Pipe Line & Gas Industry, v79, n3, p77(2)
March, 1996
ISSN: 1079-8765 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 937 LINE COUNT: 00083

... appropriate customer meter station, transmission regulator station and pipe line section. Other features:

- * Standardized inspection and maintenance practices among all GM&T areas
 - * Identification of **locations** where **multiple** inspections at a site could be **scheduled** to reduce **travel time**
 - * Significant paperwork reductions
 - * Complete profile information in the field
 - * Ability to identify high maintenance cost areas.
- Components. It consists of a host DB2 database, with...

18/3,K/31 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08266220 SUPPLIER NUMBER: 17433752 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The road taken. (truck routing software, includes related article featuring on-board computers in trucks)
Garry, Michael
Progressive Grocer, v74, n10, p43(4)
Oct, 1995
ISSN: 0033-0787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2055 LINE COUNT: 00175

... stops--between one and five--that a grocery truck will typically make. In contrast, foodservice-oriented software is geared for deliveries of 25 to 30 **stops**, says Cianci.

Designed for multiple trips, Roadnet is used more by the foodservice industry than by grocers, but Boulter stands by Fleming's decision to use it. "Roadnet had the ability to adjust it to our needs," he says. "It can reduce mileage, combine loads and meet **time** windows. It saves a lot of money."

Many truck routing companies are fast at work on enhancements to their technology. Companies owned by American Stores...

18/3,K/32 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

07258782 SUPPLIER NUMBER: 15358141 (USE FORMAT 7 OR 9 FOR FULL TEXT)

AAA Trip Planner. (CD-ROM Titles: General Interest) (Brief Article)
CD-ROM Professional, v7, n3, p138(1)
May-June, 1994
DOCUMENT TYPE: Brief Article ISSN: 1049-0833 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 120 LINE COUNT: 00010

TEXT:

Developed for the home and small business user, **AAA Trip Planner** configures the AAA tourbook database of more than 25,000 hotels, restaurants, and roadside attractions for interactive **travel planning**. The product is **designed** to guide novice users through the selection of a trip starting point, a **destination** point, and **multiple stopping** points within the contiguous United States and Alaska. A series of icon-labeled buttons help the user print detailed driving directions, maps, and other travel information such as average pricing, credit card acceptance, and **hours** of business operations. GeoSystems, a division of R.R. Donneley & Sons Company, has developed the Windows product, which will be published and distributed through Compton...

18/3,K/33 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

06696602 SUPPLIER NUMBER: 14302148 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Advice for clients. (travel arrangements for China)
Travel Weekly, v52, n67, pS16(2)
August 26, 1993
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1157 LINE COUNT: 00096

... sightseeing; or a minipackage, which includes only hotels, transfers and domestic air and rail tickets.

While business travelers and adventuresome visitors may prefer the latter **arrangement**, most **travelers** find the inclusive FIT works better for them, since booking arrangements as-you-go can be confusing and **time** consuming in China, particularly in **secondary destinations**. And having an English-speaking driver along is a great convenience.

Arrangements

According to the China National Tourist Office, more than 150 tour operators in...

18/3,K/34 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

05915300 SUPPLIER NUMBER: 12379973 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mapsys: leave the driving to us: software firm creates Auto-Pilot to produce car routings for drivers.
Gaines, Lisa
Travel Weekly, v51, n50, p57(1)
June 22, 1992
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 501 LINE COUNT: 00038

ABSTRACT: Mapsys has introduced Auto-Pilot, a PC-based software product that can determine car **routes**. The product is **designed** for **travel** agencies, motor clubs, corporate travel **departments** and other groups that need to **plan routes** for drivers. The program requires users to input only starting points, **destinations**, and any **intermediate** points of interest. Auto-Pilot covers only US routes, but coverage of Mexico and Canada is planned.

18/3,K/35 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

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05875663 SUPPLIER NUMBER: 12300181 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Japan's fatal five minutes. (attack on Midway Islands in 1942)
Parshall, Gerald
U.S. News & World Report, v112, n23, p54(3)
June 15, 1992
CODEN: XNWRA ISSN: 0041-5537 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT; ABSTRACT
WORD COUNT: 2095 LINE COUNT: 00154

... Yamamoto had calculated that unless Japan won the war quickly, it would be buried by U.S. production might.

Japan's fatal five minutes at **Midway** **stopped** its advance for good, shattering any chance of its trying to grab Australia or Hawaii. in August, U.S. Marines would go ashore on Guadalcanal...

...In April 1943, Yamamoto himself would be dead, shot from the sky in the Solomon Islands by U.S. fighters after encrypted messages disclosed his **plane 's route** - a warrior undone one last **time** by code breakers, their stubby pencils deadlier than 20-mm

18/3,K/36 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05849939 SUPPLIER NUMBER: 12126058 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AIR CANADA UNVEILS EXPANDED AND IMPROVED FREEDOM FLYER PROGRAM FOR SENIOR TRAVELERS
PR Newswire, 0512A9130
May 12, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 358 LINE COUNT: 00029

... CA\$99) seven-day unlimited travel passes on Greyhound's Canadian route network.

The Freedom Flyer Program, effective May 16, 1992, also includes the popular **Multi -Stop** option package, which will now be available year-round. **Designed** for **travelers** making extensive visits to four or more cities in North America during one trip, package rates range from \$508 for four stopovers to \$677 for...

...Freedom Flyer customer with a four-trip package, could for example, make two-round trips between any two cities for \$550. Reservations for both the **Multi - Stop** and Single-Trip packages must be made at least two weeks prior to **departure** .

Freedom Flyer discounts are also available to traveling companions of any age as long as they share the same itinerary as a Freedom Flyer aged...

18/3,K/37 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

05829226 SUPPLIER NUMBER: 12133101 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Third-party firms keep transportation businesses moving. (Transportation) (Industry Overview)
Yawn, David
Memphis Business Journal, v13, n43, p33(3)
March 9, 1992
DOCUMENT TYPE: Industry Overview ISSN: 0747-167X LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1588 LINE COUNT: 00128

... throughout the country and we have a boxcar division for some customers."

"We've been able to provide door-to-door service for customers in

arranging the best route , rate and service combinations through our experience and volumes with the various carriers," Kellum says. "It's sort of like one-stop shopping for (multiple) companies. Many businesses have downsized their traffic departments and are out-sourcing services."

GST provides door-to-door tracing, supplemental cargo insurance, electronic invoicing and shipment information, he says.

"We're going computer..."

18/3,K/38 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05146165 SUPPLIER NUMBER: 10609298 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Desert Storm: medical airlift was ready. (editorial)
Skolnick, Andrew
JAMA, The Journal of the American Medical Association, v265, n12, p1497(2)
March 27, 1991
DOCUMENT TYPE: editorial ISSN: 0098-7484 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 960 LINE COUNT: 00077

...ABSTRACT: During peacetime, preparedness is maintained by transporting military personnel and their families who need specialized care to larger military facilities, and by offering assistance in times of civilian disasters. When a doctor determines that a patient must be transported, the Armed Services Medical Regulating Office (ASMRO), a joint service agency, is...

...patient with an available bed at an appropriate treatment facility, preferably one nearest the patient's home. The patient is assigned a priority, and the route is planned to take into account intermediate stops on the way to and from the hospital. During the crisis in the Persian Gulf, MAC had to move only about 5,000 patients in...

18/3,K/39 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04896699 SUPPLIER NUMBER: 08821324 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New & improved. (computer products)
Murray, Rink
PC Magazine, v9, n16, p53(4)
Sept 25, 1990
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 666 LINE COUNT: 00051

... text, PCX, TIFF, and IGM-GEM files into Group III files, transmits in background mode at speeds up to 4,800 bps, and can send multiple faxes to multiple destinations . The Traveler also has Time Scheduled Transmission, allowing users to transmit when phone rates are the lowest. The Traveler connects directly to your computer's serial port via an RS-232 ...

18/3,K/40 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04870802 SUPPLIER NUMBER: 09165366 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New modems. (variety of sources)
Database Searcher, v6, n8, p31(2)
Oct, 1990
ISSN: 0891-6713 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 561 LINE COUNT: 00045

... IGM-GEM graphic files into Group 3 fax transmissions at speeds up

to 4800-bps. The fax software can work in background and send to **multiple destinations** or at **scheduled times**. The **Traveler** connects directly to a computer's serial port through an RS-232 pin adapter. The Smart One Traveler costs \$299.

Microcom has released the QX...

18/3,K/41 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

04098189 SUPPLIER NUMBER: 07917325 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The vital link. (distributors role in implementing chemical industry just-in-time systems; includes related articles) (special advertising supplement)
De Young, H. Garrett
CPI Purchasing, v7, n9, p56A(7)
Sept, 1989
ISSN: 0746-9012 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3318 LINE COUNT: 00261

... for some large distributors), which result in the shorter leadtimes that are at the very heart of JIT.

The distributor also is geared to serve **multiple plant locations** on a local basis, so delivery is usually timely and with minimal shipping costs. Moreover, shipments can be coordinated so that raw materials are delivered to the proper place at the proper **time** in the proper quantity -- especially if the distributor has a dedicated transport fleet. In such cases, the buyer is assured of delivery under the tight constraints of JIT regardless of the **routes** or shipping **schedules** set up by an independent trucker. "The distributor must perform as well as a transportation company, and most of the larger ones do," says Anderson...

18/3,K/42 (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03867441 SUPPLIER NUMBER: 07401775 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Spartan puts brakes on trucking costs; routing system added to total program. (includes related article on trucking) (Executive Productivity Profile) (company profile)
Orr, Alicia M.
U.S. Distribution Journal, v216, n2, p1(5)
Feb, 1989
DOCUMENT TYPE: company profile ISSN: 0897-1315 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1841 LINE COUNT: 00147

... routing software Spartan has selected for its business is the TRUCKS systems from STSC Inc., Rockville, MD, designed to generate the most direct and efficient **route plan** for the company's fleet based on store locations, delivery **times**, truck capacities and load patterns, highway conditions, **intermediate stops** and backhauls.

Spartan's fleet travels a total of 12 million miles a year, dispatching 1,000 loads a week on hauls averaging 215 miles...

18/3,K/43 (Item 18 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

03714877 SUPPLIER NUMBER: 06842348 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Top 25 travel agencies. (Santa Clara Valley) (directory)
Bragg, Lori
Business Journal, v6, n25, p16(1)
Oct 10, 1988
DOCUMENT TYPE: directory ISSN: 1048-8812 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1103 LINE COUNT: 00129

... 1/1 1975

9 1/1 1984

Services Full service agency with passport delivery; meet and greet services, ticket delivery, leisure and tour agents 24 hour /800 number; management reports; passport/visa service; travelers checks; on-premise locations; satellite ticket printers 24 hour /800 number; management reports; passport/visa service; travelers checks; on-premise locations; full service agency, commercial and leisure; vacation services 24 hour /800 number; management reports; passport/visa service; travelers checks; on-premise locations Full service, leisure and commercial, 800 service, data collection, management reporting Consulting division, management information reports, on premise locations, satellite ticket printers, 24 hour international 800 numbers, group/meeting planning department , passport/visa service 24 hour /800 number, management reports, complimentary in-house passport/visa service, international, domestic, leisure and meeting planning departments , on-premise commercial sabre, foreign currency exchange and traveler's checks, executive/VIP service Full-service commercial and vacation agency 24 hour /800 number; ticket delivery, passport photos; passport/visa service management reports, fax reservations; on-site satellite ticket printers 24 hour /800 number; management reports; passport/visa service; on- premise locations; satellite ticket printers, conference and meeting planning , leisure travel , document delivery 24 hour /800 number management reports, passport/visa service, incentive programs, meeting planning, discount cruises, groups, corporate and leisure travel Corporate travel management; ticket delivery; management reports; satellite ticket printer locations, meeting planning Passport/visa service; management reports; international domestic; commercial and leisure departments ; group and cruise departments ; 800 number 24 hour /800 number; management reports; passport/visa service; travelers checks; discount cruise department ; vacation department 24 hour /800 number; management reports; free passport/visa service; 800 numbers in office; VIP service; consulting management division; on-premise locations; satellite ticket offices; continuous airfare checks; discounted leisure travel; groups; discounted employee travel; multiple deliveries 24 hour /800 number; management reports; passport/visa service; 800 number in office; meetings; planning; incentive programs; guaranteed lowest airfare, multiple deliveries; on-premise locations ; group and cruise departments 24 hour /800 number; management reports; passport/visa service on- premise locations; corporate inplant operation Delivery; 800 national wats; 24 hour service; travelers checks; passport/visa service; management reports; travel arrangers training; group department , cruise department ; Automation: apollo and sabre Full service agency offering specialized in-house services for all corporations 24 hour /800 number; management reports; passport/visa service; vacation department ; group and meeting planning service 24 hour /800 number; airport meet and greet services; automation specialist; business travel consulting; business travel reservations and cost control services; high-end leisure travel specialist (safari, New Zealand bike trips); home travel planning ; satellite ticket printers 24 hour /800 number; management reports; passport/visa service Airline tickets, cruises, tours Management reports; passport/visa service 24 hour /800 number; management reports; visa service; portable passport photography services; lost luggage service; free air ticket delivery NOTES:

Information was obtained from a representative of...

18/3,K/44 (Item 19 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03642309 SUPPLIER NUMBER: 07026727 (USE FORMAT 7 OR 9 FOR FULL TEXT)

General Aviation industry joins forces to respond to increasing travel demand. (General Aviation Taskforce)

PR Newswire, 1005DV001X

Oct 5, 1988

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 913 LINE COUNT: 00075

... directly linked to the industry employ 250,000 people and pump more than \$400 million in tax revenues into local economies each year."

The **GAME Plan** will work to inform **travelers** and travel professionals of the opportunities for using General Aviation as an on-demand travel alternative. "Only 17 percent of this country's frequent travelers...

...that they can pick up the phone and charter a plane to fly wherever they want, whenever they want. They don't realize how much **time**, money and emotional wear and tear can be saved by controlling their **travel schedules** with General Aviation," he says. "And in many cases -- when several people are traveling together, making **multiple stops** or returning the same day, General Aviation can mean an overall savings in travel costs," Eidson says.

To many travelers, General Aviation is the only...

18/3,K/45 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

02015437 SUPPLIER NUMBER: 18958632
Road Trips Door-to-Door can give your life direction. (TravRoute Software mapping software) (Software Review) (Evaluation)
Johnson, Dave
Computer Shopper, v17, n1, p197(1)
Jan, 1997
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
RECORD TYPE: Abstract

...ABSTRACT: is a powerful mapping package users can customize with road-condition updates and other information. Its database is comprehensive, and there are useful but limited **trip -planning** features. Road **Trips** ' single CD-ROM contains virtually every street in North America and 95 million addresses. Its toolbar interface allows easy access to all major features, and the **trip planner** has a slick tabbed interface. Users enter start and end points as well as **intermediate stops** by clicking directly on the map or typing them in. Road Trips provides not only a map but a complete door-to-door text description of the route in plain English that notes distances and estimated travel **time**. This removes the guesswork from trip management. Users can mark individual streets as one-way or closed and add up to 25 locations to the program's database. Road **Trips** lacks a feature for **planning** rest stops at pre-determined intervals, and there is no GPS support, but it is an excellent product overall.

18/3,K/46 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01710768 SUPPLIER NUMBER: 16222515 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Transmitting large color files. (includes related article on the LessTalk system extension for Macintoshes) (Seybold Special Report: Seybold San Francisco '94, part 2) (Product Announcement)
Seybold Report on Publishing Systems, v24, n3, pT60(5)
Oct 26, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 7473 LINE COUNT: 00557

... might compose an ad and send it over the wire to a trade shop to have the high-resolution images added. The ad might then **travel** to the printing **plant** for output to film or right to a digital press. Each of these sites would maintain only its own leased line to the nearest Co...

...their destination a lot faster. For example, to send a 100-mb file on a Syquest disk by Federal Express always takes at least 12 hours . Sending the file directly to the recipient over a dial-up Switched 56 line would take about four hours ; with a two-channel 128-kbps isdn link, it would take two hours . (Of course, you'd have to pay the phone company's per-minute charges.) Sending it through Co-Net on a DS1 line would take 22 minutes: 11 minutes to upload it to Co-Net's file server and 11 minutes for the recipient to download it. If there are multiple destinations , it still takes 22 minutes because all recipients can download it at the same time . Co-Net provides its customers with a Macintosh file-transfer utility program called Co-Net Xpress. It uses Apple's Mactcp software and whatever data...

18/3,K/47 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01350548 SUPPLIER NUMBER: 08288782 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New for IBM: train noise level prediction software. (product announcement)
McNamara, Sean
Newsbytes, NEW03200047
March 20, 1990
DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 245 LINE COUNT: 00019

... 25,000 Australians. Each train would have a capacity of around 400 people, with non-stop Sydney-Melbourne trips running every 30 minutes and one intermediate stopping train departing every hour . Fares will probably be competitive with airfares, and offer an alternative to those who do not travel by plane .
(Sean McNamara/19900314)

?

25/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01386917 00-37904

Instant access

Dennis, Anita

Journal of Accountancy v183n3 PP: 84-85 Mar 1997

ISSN: 0021-8448 JRNL CODE: JAC

WORD COUNT: 707

ABSTRACT: The Web sites that are maintained by many major airlines allow visitors to check **schedules**, book reservations and learn about **travel** packages, current discount offers or new routes. In addition to the airlines' own sites, there are other Web pages that offer valuable **options** to **travelers**. **Suggestions** for inspecting a rental **car**, taken from **Travel** Rights by Charles Leocha, are presented. ...

25/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

01141065 97-90459

Catching up

Alexander, Steve

Computerworld v30n2 PP: 70-71 Jan 8, 1996

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 966

...TEXT: put some names and faces together. But I can make better use of my time with on-line groups because it reduces the downtime of **traveling** on a **plane**."

Suggestion Box

A roundup of **recommendations** :

1. Internet Web pages -- These include the home pages of leading LAN vendors, such as Microsoft (<http://www.microsoft.com/>) and Novell (<http://www.novell...>

25/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01017840 96-67233

Dealer incentive strategy guide

Anonymous

Incentive v169n4 PP: SS3-SS14 Apr 1995

ISSN: 1042-5195 JRNL CODE: IMK

WORD COUNT: 3532

...TEXT: a total experience rather than just a destination -- a program they could not reproduce themselves.

Know, too, that a dealer incentive that awards a group **travel** experience is a long **planning** haul -- 12 to 24 months -- and really needs an experienced hand to do right. Many companies wisely invest in the services of an incentive travel specialist. If you cannot or choose not to, and are a beginner, seek plenty of advice and **recommendations** before you jump in.

Individual **travel**. This award **option** has taken off in recent years because it combines favorable aspects of both merchandise and group travel. It is easily purchased in the form of...

25/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00893938 95-43330

U.S. tells employees: Stay off Russian airlines

Lenorovitz, Jeffrey M

Aviation Week & Space Technology v141n5 PP: 32-33 Aug 1, 1994

ISSN: 0005-2175 JRNL CODE: AWS

...ABSTRACT: a US government ban on all but absolutely necessary travel on Russian carriers by federal employees, while the Federal Aviation Administration (FAA) launches a joint **evaluation** with Moscow of Russia's **air transportation** system. The **air travel** ban was criticized by some Russian managers, who said the US is condemning an entire airline industry without taking into account the performance and safety...

... US embassy employees in Moscow were informed of the ban. The State Department said all private citizens may want to consider the ban when making **travel plans**. Following the announcement, the Transportation Department detailed the joint US/Russian air safety evaluation which begins in August 1994.

25/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00767449 94-16841

Determining the optimal starting times in a cyclic schedule with a given route

Lei, Lei

Computers & Operations Research v20n8 PP: 807-816 Oct 1993

ISSN: 0305-0548 JRNL CODE: CRO

ABSTRACT: The problem of determining the optimal integer starting times for operations in a cyclic transportation **schedule** with a given **route** and dependent time-windows is considered. This problem typically arises in those multi-stage processing lines where each object (job) must flow through a sequence...

... the cycle time which maximizes the throughput rate. A binary search procedure is introduced that solves this problem. Another application of this procedure is to **evaluate** the feasibility of **alternative** routes for **transportation** operations with a fixed cycle time. Processing lines with a fixed cycle time are common in many integrated manufacturing systems where several subsystems must have...

25/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00631533 92-46473

A Ship in Time

Veitia, Jorge E.

Bobbin v33n12 PP: 12-18 Aug 1992

ISSN: 0896-3991 JRNL CODE: BBN

ABSTRACT: Successfully coordinating the logistics of an offshore assembly operation is dependent upon effective **transportation decisions**. All **options** available should be **evaluated** to reduce the likelihood of surprises and costly delays. Ocean freight is often the most economical means of transporting merchandise to and from a foreign...

25/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 Bell & Howell. All rts. reserv.

00536784 91-11128

How to Control Corporate Air Travel Costs

Fox, Richard J.; Stephenson, Frederick J.

Business v40n3 PP: 3-9 Jul-Sep 1990

ISSN: 0163-531X JRNL CODE: AEC

...ABSTRACT: yet corporate customers took only 46% of all adult passenger trips. Companies must take steps to save the billions of dollars they are wasting on **air travel**. Some **suggestions** are: 1. Demand the use of lowest available air fares. 2. Require that employees use specified travel agencies so that the company can obtain rebates...

...for company travel purposes. 6. Enter agreements with airlines to obtain corporate discounts. To succeed, companies will have to overcome employee resistance, surmount airline and **travel** agency obstacles **designed** to stop any dilution of business travel revenues, and determine ways to develop win-win deals with airlines and travel agents. The single most important...

25/3,K/8 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2001 Bell & Howell. All rts. reserv.

00301959 86-02373

A Guide to Meetings and Incentives in China

Smith, Homer

Sales & Marketing Management v135n8 PP: 35-36 Dec 9, 1985

ISSN: 0163-7517 JRNL CODE: SAL

...ABSTRACT: sponsor in China before visas will be issued. In addition, all phases of travel in China must be approved and handled by the China International **Travel** Service. **Alternative suggestions** include: 1. Do not hold the principal meeting in China and instead **plan** a post-meeting **trip** there as tourists. 2. Turn the problem of making contacts and arrangements to a qualified tour wholesaler with China travel experience. In spite of the...

25/3,K/9 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2001 Bell & Howell. All rts. reserv.

00221482 84-00043

Venues to Suit Each Event

Garlick, Richard

Chief Executive PP: 47-54 Sep 1983

ISSN: 0140-8543 JRNL CODE: CEX

...ABSTRACT: to staff quality and set up feedback mechanisms to handle any problems. After the conference, its impact and the level of the services should be **evaluated** for quality. **Air travel** represents an incentive to attend per se; often, overseas locations and the **travel** to them can be **arranged** at less cost than the less flexible domestic locations.

25/3,K/10 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00145121 81-14991

Up in the Air About Air Travel Costs?

Friend, William

Association Management v33n6 PP: 44-48 Jun 1981

ISSN: 0004-5578 JRNL CODE: AMG

...ABSTRACT: associations are working hard to hold the line on soaring air travel costs. Many executives have cut travel costs by shopping around for the best **travel** buys. However, **air travel** experts have **suggested** that many associations have not even scratched the surface of potential savings. The deregulation of the airline industry has resulted in a wide range of...

... new era of deregulation and higher ticket prices: 1. Set a travel policy. 2. Choose the right agent. 3. Appoint one person to supervise the **travel arrangements**. 4. Sell the staff on the benefits of smart travel. 5. Be flexible. ...

25/3,K/11 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

05687804 Supplier Number: 53625029 (USE FORMAT 7 FOR FULLTEXT)
Psion: Professional support in a pint-size package. (Hardware Review) (Evaluation)
Tribute, Andy
The Seybold Report on Internet Publishing, v2, n6, pNA(1)
Feb, 1998
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Newsletter; Trade
Word Count: 1171

... according to the product's specifications). This is unlike my notebook, which hardly gets past the first gin and tonic after takeoff when I am **traveling** on a **plane**.

The unit also **weighs** very little and will fit in the breast pocket of a jacket. Its dimensions are 6.5?3.3?0.9?. It weighs 9.7...

25/3,K/12 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

05533397 Supplier Number: 48385956 (USE FORMAT 7 FOR FULLTEXT)
Evaluating Corporate Travel Automation
Business Travel News, p119
March 30, 1998
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 2795

... Management Cycle

A. As you evaluate where automation can help your corporation, think of travel management as a cyclical process involving these main steps:

1. **Trip** planning and authorization
2. **Evaluating travel options**
3. Making reservations
4. Optimizing reservations once they have been made
 - a. Quality control: checking the booking for completeness and accuracy
 - b. Fare checking: monitoring...

25/3,K/13 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

04968476 Supplier Number: 47300140 (USE FORMAT 7 FOR FULLTEXT)
MEASURING THE EFFECTIVENESS OF INTELLIGENT TRANSPORTATION SYSTEMS
Innovator's Digest, v97, n8, pN/A
April 15, 1997
Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 128

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...This (NJDOT) report develops evaluations of customer service delivery that can measure achievement of: lower overall trip time; reduced incident-related delays; better knowledge of **travel options** and conditions; etc. The **plan recommends** that the following ITS customer services be given high priority for deployment in the next 5-10 years: (1) incident management; (2) traffic control; (3...

25/3,K/14 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

04407419 Supplier Number: 46466015 (USE FORMAT 7 FOR FULLTEXT)
**ARE WE THERE YET? PARENTS COMBAT SUMMER TRAVEL CHANT WITH CREATIVE TRAVEL
ACTIVITY KITS FOR KIDS**
PR Newswire, p614PHFFNS1
June 14, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 359

The kid experts at K'NEX(R) have some entertaining ideas for children who are **traveling** by **plane**, **train**, bus or car. They **suggest** creating a fun Travel Activity Kit for each child with things you have at home. Use plastic containers with lids, large resealable plastic bags or...

25/3,K/15 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

03992964 Supplier Number: 45797998 (USE FORMAT 7 FOR FULLTEXT)
GSA AWARDS CONTRACTS FOR DISCOUNT AIR FARES ON RECORD 5,086 ROUTES
PR Newswire, p918DC028
Sept 18, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 274

The one-year contracts provide federal employees on official **travel** with **scheduled** **air** service at a **weighted** average discount of 56 percent off from unrestricted coach fares.

Under the special rates, a one-way ticket from Chicago to Kansas City, on American...

25/3,K/16 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

03948712 Supplier Number: 45716676 (USE FORMAT 7 FOR FULLTEXT)
Taking the drag out of jet lag
Footwear News, p102
August 7, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2040

... shoe industry.

Designer Marilyn Faison calls it 'the time-change virus from hell.' One way she fights it is by 'rarely eating anything on the **plane**.' Most **travelers suggest** eating lightly, drinking lots of water (no alcohol), and when they arrive at their destination, staying awake as long as they

25/3,K/20 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01864356 Supplier Number: 42364133 (USE FORMAT 7 FOR FULLTEXT)
Early Booking Plan Will Stick: Marriott
Business Travel News, p1
Sept 16, 1991
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 873

... still could make money."
Daniele said non-refundability shouldn't be an issue for travelers who know their schedules ahead of time and know their **plans** aren't likely to change.

Travel managers have said they would be wary of booking many hotel rooms with cancellation penalties attached and probably would not alter their policies to accommodate such programs, though they would **recommend** that **travelers** consider the **option** if their **schedules** permit it (BTN, Feb. 11).

Several other chains said they do not plan to offer comparable programs.

"I can't say what other companies will...

25/3,K/21 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00704766
How to ease air travel during bad winter weather: S Lander, president, Medical Data Lifeline (Washington, DC), a national medical information system, and a veteran meeting planner and air travel expert, offers various commonsense guidelines for air travelers.
Successful Meetings December, 1981 p. 121

The 1981-82 winter is forecast to be especially harsh, bad news for meetings and those **traveling** by air to them. He **recommends** that meeting planners advise delegates to verify flight departure times, since they may change even on the day of travel; early morning or late at...

... delays along the way. Travelers should avoid booking more than one flight for the same trip, since this is unfair to travelers on waiting lists. **Travelers** should, however, have a backup **plan** in case their original flight is cancelled, and these secondary flights should take into account the problem of getting to the right reservation desk from...

25/3,K/22 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

09829852 SUPPLIER NUMBER: 17613853 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tips for the solo traveler.
Ledray, Linda
International Travel News, v20, n8, p91(2)
Oct, 1995
ISSN: 0191-8761 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1555 LINE COUNT: 00113

... Since the climate there is very hot and can also be very humid, I found loose-fitting, casual, cotton clothing to be perfect.

Also, I **traveled** by **plane** when going from Phnom Penh to Siem Reap. I would not **recommend** train or private **car** **transportation** outside of the major cities at this time.

If you followed the news, you will know that the tourists who were killed were apprehended by...

25/3,K/23 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08966398 SUPPLIER NUMBER: 18634351 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Meeting the challenge: corporate agencies playing an expanded role in
changing times. (Focus)**
Jones, David
Travel Weekly, v55, n69, pS218(2)
August 29, 1996
ISSN: 0041-2082 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 582 LINE COUNT: 00051

... survey shows, a high percentage of agencies that plan meetings for corporate clients are involved in such activities. Nearly all of these agents, for example, **arrange air travel** (9677) and **recommend facilities** (91%).

Eighty-six percent reserve meeting rooms, 75% arrange food and beverage, and 62% recommend sites or destinations. Sixty-one percent actually select hotels...

25/3,K/24 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08569889 SUPPLIER NUMBER: 18152536
Flying the Travel Air. (Beech Model 95 Travel Air) (Evaluation)
Conrad, John W.
Air Progress, v58, n3, p46(8)
March, 1996
DOCUMENT TYPE: Evaluation ISSN: 0002-2500 LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT: The Beech 95 Travel Air is an early 1950s-vintage private plane with a colorful history. The **design** and performance of the **Travel Air** are **evaluated** and discussed.

25/3,K/25 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08380114 SUPPLIER NUMBER: 17776361 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AAA OFFERS TIPS FOR TRAVEL DURING EXTREME WEATHER
PR Newswire, p111FLTH021
Jan 11, 1996
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 465 LINE COUNT: 00050

... your travel agent's phone number. If you are delayed or your flight is canceled, the agent has access to current airport conditions and airline **schedules** and can **suggest alternatives**. Many **travel** agents have toll-free 800 numbers.

-- Plan for the unexpected. Travel with enough cash, travelers checks or credit cards to cover the cost of an...

25/3,K/26 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

08207965 SUPPLIER NUMBER: 17508105 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The annual road warrior's guide to smart travel. (business travel) (Special Advertising Section)
Ahrens, Joseph

Inc., v17, n14, p87(9)

Oct, 1995

ISSN: 0162-8968

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5059

LINE COUNT: 00423

... entrepreneurial companies and travel agencies have developed, most business travelers now come to depend on their agents' recommendations regarding choices of airlines, hotels and rental cars. Travel agents are also adept at recommending destinations and sites for off-campus meetings and can handily arrange all travel, hotel and resort accommodations, food and beverage services, meeting rooms and technical facilities. Moreover, they're often able to generate substantial savings when packaging the...

25/3,K/27 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

08068417 SUPPLIER NUMBER: 17137949 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Taking the drag out of jet lag. (tips on dealing with jet lag)

Infantino, Vivian

Footwear News, v51, n32, p102(2)

August 7, 1995

ISSN: 0162-914X

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2066

LINE COUNT: 00144

Designer Marilyn Faison calls it "the time-change virus from hell." One way she fights it is by "rarely eating anything on the plane." Most travelers suggest eating lightly, drinking lots of water (no alcohol), and when they arrive at their destination, staying awake as long as they can.

Other tips include...

25/3,K/28 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

07968049 SUPPLIER NUMBER: 17189222 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ARIZONA COUPLE WITNESSES SHUTTLE DOCKING FROM RUSSIA'S MISSION CONTROL CENTER

PR Newswire, p630FL009

June 30, 1995

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 305

LINE COUNT: 00033

... MIGS etc. also offers flights aboard the Russian Space Agency's IL-76 MDK zero gravity plane, which is used to train cosmonauts for space travel. A similar plane was used to film weightless sequences for the new movie Apollo 13.

For more information about MIGS etc. jet and space programs, call 800-644-7382.

-0-

6/30/95...

25/3,K/29 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

07672496 SUPPLIER NUMBER: 16218951 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Traveling with Europass: roundtrip from Geneva, a visitor explores three countries by train. (includes related article on understanding 24-hour train time schedules) (Europe)

Godwin, Nadine

Travel Weekly, v54, n6, pE3(4)

Jan 23, 1995

ISSN: 0041-2082

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4665 LINE COUNT: 00351

... cars for which reservations must be made before boarding.

In first class, the TGVs offer table service at the passenger's seat, and reservations are **recommended**.

* For overnight rail **travel**, a variety of sleeping **arrangements** are available.

The top choice would be the first or second class sleeper cars, which provide beds, sinks and towels in the compartments.

CLIPBOARD UP...

25/3,K/30 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

06481444 SUPPLIER NUMBER: 13974500 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A do-fly zone: more overseas flights spell deals for business travelers.

(Buyer's Guide) (Industry Overview)

Barnett, Chris

California Business, v28, n4, p45(2)

May, 1993

DOCUMENT TYPE: Industry Overview ISSN: 0008-0926 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 917 LINE COUNT: 00067

Lawyer George Nowell wanted to fly to London earlier this year, but wasn't about to fork over a king's ransom to purchase a **plane** ticket. His **travel** agent, he says, **suggested** "we watch and wait."

Sure enough, the \$1,600 round-trip fare from San Francisco to the United Kingdom dropped to \$800 and, by the...

25/3,K/31 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

06101808 SUPPLIER NUMBER: 12558189 (USE FORMAT 7 OR 9 FOR FULL TEXT)

NOW TOUR ITALY WITH THE STYLE, KNOWLEDGE AND CONNECTIONS OF THE EXPERIENCED ITALOPHILE

PR Newswire, 0825A2815

August 25, 1992

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 459 LINE COUNT: 00038

... fee is typically \$300 to \$450 for a made-to-order project of 50 to 80 pages, accommodation bookings and other Insider's amenities -- rail **schedules** for **train travel**, detailed driving maps, **recommended** reading -- and more.

For a free brochure write Marjorie Shaw's Insider's Italy, 7 Edgehill Road, New Haven, Conn. 06511 or telephone or fax...

25/3,K/32 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05785066 SUPPLIER NUMBER: 11853706 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Technically speaking. (Rosenbluth Travel Agency Inc.'s in-house automation system) (Rosenbluth Agency Supplement)

Sturken, Barbara

Travel Weekly, v51, n13, pS27(2)

Feb 13, 1992

ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1569 LINE COUNT: 00126

... to a corporate client's computer system and on to an executive's desktop terminal.

* CAP: An acronym for Car Analysis Program. This software is designed to help corporate travel managers evaluate car rental proposals. It ferrets out hidden costs and add-on fees and assesses a company's usage patterns. It is also backed up by Rosenbluth...

25/3,K/33 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05774587 SUPPLIER NUMBER: 11846453 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Walking tours. (includes related article on Hi-Line reservation service)
(Travel Weekly 1992 Supplement: Scotland)
Travel Weekly, v51, n7, pS11(1)
Jan 23, 1992
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 550 LINE COUNT: 00043

... of 15 persons, are five days in the Orkney Islands and visits to Loch Lomond and more than a dozen castles.

For 1992, when Wilderness Travel offers three scheduled departures for the program, the tour is land-priced at \$2,390, including accommodations, all meals, ground transportation and guides. The firm recommends that travelers book by March for the June, July and August departures.

The Wayfarers of Newport, R.I., offers a six-night Scotland walking itinerary...

25/3,K/34 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04895961 SUPPLIER NUMBER: 08912840 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Business meetings: 10 problems to avoid. (includes related article on multimedia mistakes and quiz) (Special Advertising Section)
Sales & Marketing Management, v142, n11, p59(7)
Sept, 1990
ISSN: 0163-7517 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1871 LINE COUNT: 00149

... department should steer you to a variety of ancillary benefits, from discounts on freight and transportation to help with hotel and rental car reservations.

For ground transportation, many planners rely heavily on recommendations from colleagues. Some contract one company to handle ground transportation for multiple meetings; others hire a ground transportation consultant to set up and run the program. Whatever the travel arrangements, they should be as user-friendly as possible.

3. Cost Overruns

for Food and Beverage

Keeping a lid on food and beverage costs--and accurately...

25/3,K/35 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04772355 SUPPLIER NUMBER: 08628054 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Evaluation practices. (Return on Investment: Accounting for Training)
Carnevale, Anthony P.; Schultz, Eric R.
Training & Development Journal, v44, n7, pS-23(7)
July, 1990
ISSN: 0041-0861 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6208 LINE COUNT: 00561

... were also surveyed to help isolate the traits and skills most important for Travelers' managers. Analysis of those traits and skills

shaped training and evaluation plans .

Trainers at **Travelers** would prefer to use more statistical evaluation methods, but current staff capacity and lack of management demand for precision discourage the use of more rigorous **evaluation methodology** .

At present, **Travelers** uses a variety of qualitative and quantitative methods. Quality assurance checks are performed to assess program validity and relevance during training implementation. Qualitative data indicate...

25/3,K/36 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01467066 SUPPLIER NUMBER: 10432999 (USE FORMAT 7 OR 9 FOR FULL TEXT)

(Almost) 101 ways to use voice-mail. (educational administration)

(Administrator's Eye) (column)

Milone, Michael N., Jr.

Technology & Learning, v11, n6, p32(4)

March, 1991

DOCUMENT TYPE: column ISSN: 1053-6728 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1732 LINE COUNT: 00134

... community events Fund raising activities After-school activities
New school policies

Public service announcements Baby-sitting or child care services Adult
and continuing education

Sports scores Sports schedules Sports bus and travel information

Tournament car -pool information Starting lineups for sports teams

Lunch menus Sports banquets

PTA meetings School board meetings Other relevant meetings

Recommended TV programs Homework assignments Reading...

25/3,K/37 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

01422724 SUPPLIER NUMBER: 10464170 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New trip reduction statute in effect in Southern California. (Ventura

County Air Pollution Control District implements Rule 210)

Telecommuting Review: the Gordon Report, v8, n3, p5(4)

March 1, 1991

ISSN: 8756-7431 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2253 LINE COUNT: 00169

... days in which to prepare and file a plan. As just one indication of
the workload involved, employers subject to Rule 210 "must appoint and
train an Employee **Transportation** Coordinator [ETC] ... Rule **recommends**
that ETC be on site and spend one hour per week for every fifty employees
to market the **trip** reduction **plan**"

Among the differences between Rule 210 and Regulation XV:

* Most important, Rule 210 calls for an AVR of 1.35 through January
1, 1997, which...

?

29/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

07913858 Supplier Number: 66102070 (USE FORMAT 7 FOR FULLTEXT)
ByeByeNow calls a lifeline: Regis Philbin; TV, radio campaign touts Web site, local travel agents. (Brief Article)
Goetzl, David
Advertising Age, v71, p8
Oct 9, 2000
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 418

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...directing people to ByeByeNow bricks-and-mortar franchises where they can book the vacations. The business model dovetails with research that shows consumers use the **Internet** to **evaluate travel options** but prefer to make purchases in person. Figures provided by ByeByeNow show 87% of people who research vacations online go offline to buy them.

29/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

07820498 Supplier Number: 65295313 (USE FORMAT 7 FOR FULLTEXT)
FareChase Launches First Travel Integration and Comparison Shopping Search Engine.
PR Newswire, pNA
Sept 19, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 652

... and CEO of FareChase. "With the FareChase engine, the search results are received within a few seconds. Our technology allows licensees to buy from any **travel provider's website**."

Travel buyers often are bewildered by the wide discrepancies in prices for what appears to be the same product. FareChase is finding price variations of as much as 50% for the same products. FareChase's powerful technology helps **evaluate** and compare **options**.

Once **travel** buyers find the product they want, FareChase provides them with the ability to click on to potentially any major **travel website** for booking **travel**. Information, rules and restrictions are also available with one click to the searched site.

As of today, FareChase will be searching more than a dozen...

29/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

07817008 Supplier Number: 65282722 (USE FORMAT 7 FOR FULLTEXT)
FareChase Launches First Travel Integration and Comparison Shopping Search Engine New Technology Demonstrates Software Capability for Potential Licensees.
PR Newswire, pNA
Sept 18, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 644

... and CEO of FareChase. "With the FareChase engine, the search results are received within a few seconds. Our technology allows licensees to buy from any **travel provider's website**."

Travel buyers often are bewildered by the wide discrepancies in prices for what appears to be the same product. FareChase is finding price variations of as much as 50% for the same products. FareChase's powerful technology helps **evaluate** and compare **options** .

Once **travel** buyers find the product they want, FareChase provides them with the ability to click on to potentially any major **travel website** for booking **travel** . Information, rules and restrictions are also available with one click to the searched site.

As of today, FareChase will be searching more than a dozen...

29/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07509080 Supplier Number: 63032923 (USE FORMAT 7 FOR FULLTEXT)
PrimeResponse Announces "Wireless 1:1" Creating the Ever-Present Customer.
Business Wire, p2021
June 29, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1325

... to send a message to the wireless devices of members enrolled in its frequent flyer programs indicating a flight delay or change, and may also **recommend** alternative **travel** scenarios. **Online** brokers could use the wireless application to send real-time messages to customers indicating significant stock price changes, and would be able to execute buy...

29/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

07430068 Supplier Number: 62498533 (USE FORMAT 7 FOR FULLTEXT)
Click and Fly.(three online air travel services evaluated)(Brief Article)
Fisher, Daniel
Forbes, p64bx1
June 12, 2000
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; General Trade
Word Count: 139

Click and Fly.(three online air travel services evaluated)(Brief Article)

29/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

11248262 SUPPLIER NUMBER: 55316091 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Is Booking Over the Web Worth the Trip?(Industry Overview)
BROWN, ANN
Black Enterprise, 30, 1, 129
August, 1999
DOCUMENT TYPE: Industry Overview ISSN: 0006-4165 LANGUAGE:
English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1943 LINE COUNT: 00167

ABSTRACT: Experienced business and leisure travelers evaluated several **online travel** agency and airline ticket broker web sites to determine if they deliver as much value as they advertise. Six agencies were rated for speed, user freindliness, airline selection, and extra **options** . **Travelocity** and Biztravel **scored** highest.

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Nov

(c)2001 Info.Sources Inc

File 278:Microcomputer Software Guide 2001/Apr

(c) 2001 Reed Elsevier Inc.

Set	Items	Description
S1	302	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT? - OR ARRANG?) OR TRANSPORTATION()DECISION?
S2	201	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y()OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	68294	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	2688	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	9365	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATING OR VALUING OR SCORE? ? OR SC- ORING
S6	5	S5(5N) (METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GRO- UND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLA- NE OR PLANES OR CAR OR AUTOMOBILE? ? OR CARS OR ALTERNAT?) (2N-) (TRANSPORTATION OR TRAVEL??)
S7	1	S1 AND S2 AND S4
S8	2	S1 AND S6
S9	2	S8 NOT S7
S10	291	(TRAVEL OR TRIP? ? OR ITINERAR?) (3N) (SOFTWARE OR DATABASE? OR ONLINE OR ON()LINE OR INTERNET? OR WEB OR WEBSITE? OR WEBP- AGE? OR HOMEPAGE? OR HOME()PAGE? ? OR PRODIGY OR OAG OR KIOSK? ?)
S11	2	S10 AND S2 AND S4
S12	1	S11 NOT (S7 OR S8)
S13	3	S10 AND S6
S14	2	S13 NOT (S7 OR S8 OR S11)

7/5/1 (Item 1 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2001 Info.Sources Inc. All rts. reserv.

00110411 DOCUMENT TYPE: Review

PRODUCT NAMES: SkyMap Pro (690881)

TITLE: SkyMap Pro Helps Business Travelers Find the Way
AUTHOR: Begun, Daniel A
SOURCE: Computer Shopper, v18 n7 p226(1) Jul 1998
ISSN: 0886-0556
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Etak's SkyMap Pro, a global positioning system (GPS) and satellite-mapping package, provides business travelers with the specific tools they need to map directions and obtain information about locations. All the expected features of a GPS package are provided, **including** real-time GPS tracking, address locating, many maps of all 50 states, and a point-of-interest database that describes more than 500,000 business locations. Other features provided are airport and toll-free phone information; an integrated address book; voice alerts; a trip recorder; and an infrared remote control. A Type II PC Card GPS antenna is also included. SkyMap shows the current position by positioning a cursor on a map, and updates the location in real time. The Routing Manager permits users to input specific addresses as start/**intermediate** /**destination** points, and the GPS units tracks the user to local streets. Directions extend only to major roads, however, not door-to-door. With the Highlighter, users can **plan a route** in advance directly on the map, and routes can be saved for reuse. During testing in New York City, New York, the GPS signals often became too weak to provide information. The Points of Interest database could be the most useful feature of the program; it includes such businesses as Air & Rail Transportation, Automotive Services, Lodging, and Tourist Attractions, among others.

PRICE: \$300

COMPANY NAME: Etak Inc (458929)
SPECIAL FEATURE: Charts Screen Layouts
DESCRIPTORS: GPS (Global Positioning Systems); Mapping; Travel; Laptop Software; Netscape
REVISION DATE: 20010228

9/5/1 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2001 Info.Sources Inc. All rts. reserv.

01640531 DOCUMENT TYPE: Product

PRODUCT NAME: FactoryFLOW (640531)

Engineering Animation Inc (EAI) (586099)
2321 N Loop Dr
Ames, IA 50010-8615 United States
TELEPHONE: (515) 296-9908

RECORD TYPE: Directory

CONTACT: Sales Department

FactoryFLOW is a layout analysis tool to integrate actual AutoCAD facilities drawings and material flow paths with production and material handling data. Using material flows as the key measure of industrial layout and production design efficiency, it enables users to evaluate, compare and recommend alternative designs with speed and confidence. The system's graphical and quantitative evaluations of multiple designs make selecting the right design quick and accurate. The Calculate and View Results commands compare the distance traveled, cost, number of moves and total travel time for each design alternative. Creating and evaluating layout alternatives is as easy as moving equipment with the mouse and recalculating the results. Optimal dock, storage and equipment locations can also be readily determined. Actual path diagrams show material travel among activity locations. Flow line thickness indicates cost or frequency. Flow line color shows flow data structure, such as the material's product or assembly, material handling device or origin. Material flow lines can be color coded by product or group to design a cellular/focused factory layout. The tool is ideal for machine layout. It brings methods, a structured approach and graphical tools into the organization to create well evaluated layout designs with quantitative and graphical evidence.

DESCRIPTORS: Industrial Engineering; Productivity Control; CAE; CAD CAM; Manufacturing; Industrial Automation; CIM; CAD; Production Control

HARDWARE: IBM PC & Compatibles; 80486; Pentium

OPERATING SYSTEM: Windows; AutoCAD

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Manufacturing

DATE OF RELEASE: 01/87

PRICE: \$8,500; \$11,500 - includes advanced features

DOCUMENTATION AVAILABLE: User manuals; tutorials

TRAINING AVAILABLE: On-site training; training; technical support

OTHER REQUIREMENTS: 16MB RAM; CD-ROM drive; AutoCAD 13 C4+ required

REVISION DATE: 990927

9/5/2 (Item 2 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2001 Info.Sources Inc. All rts. reserv.

00109895 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Travel (832863)

TITLE: Travel information sources

AUTHOR: Jacso, Peter

SOURCE: Link-Up, v15 n4 p3(3) Jul/Aug 1998

ISSN: 0734-988X

HOME PAGE: <http://www.infotoday.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A host of CD-ROM products and Web site service companies, including FLIPO, Travelocity, U.S. Greyhound, RailEurope, and Avis, provide a wide source of **travel planning** and ticketing options. FLIPO quotes a number of fares and schedules and includes Farebeater and Best Fare Finder **options** for **suggesting** how to dramatically reduce **travel** costs implementing only minor time and date changes in **travel plans**. Travelocity, a mega **travel** site, disappoints by only offering three flight alternatives to the user's initial input and ignoring departure times entered when suggesting alternative plans. U.S. Greyhound's Web site is somewhat disappointing, too, in delivering bus travel information that lacks information beyond basic fare and travel times. RailEurope is as impressive as the rail lines of Europe that it covers, presenting stellar alternative price options and connection-building tools. Avis has teamed up with MapQuest to provide improved maps and driving directions for car travellers and renters and is the only individual car rental World Wide Web site worth visiting, since the travel mega-sites offer more than most rental company Web sites.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Reservation Systems; Recreation & Hobbies; Internet Travel;
Information Retrieval; Travel
REVISION DATE: 20010331

12/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2001 Info.Sources Inc. All rts. reserv.

00123446 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Expedia Travel (736376); Travelocity (669725)

TITLE: Adventures in Online Travel
AUTHOR: McFarlane, Isae Wada
SOURCE: Computer Shopper, v20 n4 p188(5) Apr 2000
ISSN: 0886-0556
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Travelers seeking an easier way to explore travel opportunities and save money on travel can turn to the Internet, which can act as a virtual travel agent that helps users sort out the many available choices of flights, destinations, travel preferences, hotels, airlines, and car-rental companies. After choosing an itinerary and a set of providers, users can leave for the trip with a Wireless Application Protocol (WAP)-enabled personal digital assistant (PDA) or cell phone and still be able to collect information while on the trip. The two largest online travel agencies are Expedia.com and Travelocity.com, both of which provide effective searching of major airline, car-rental, and hotel databases. In their mutual efforts to compete, they have both added new features. For instance, Expedia.com provides Hotel Price Matcher and Flight Pricer, both of which use the 'name-your-price' model. Expedia.com also charges for its Mileage Minder frequent-flyer tracking service, unless the shopper purchases three tickets a year. Travelocity.com, which recently merged with PreView Travel, is the third largest e-commerce site. It now provides a reliable multiple-destination booking tool and the ability to hold an airline reservation for 24 hours. Other travel sites described include TravelWeb.com, Trip.com, BizTravel.com, GetThere.com, Lowestfare.com, and Cheaptickets.com.

COMPANY NAME: Microsoft Corp (112127); Travelocity.com (634018)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Internet Travel ; Information Retrieval; Reservation Systems; Wireless Internet Access; Internet Shopping
REVISION DATE: 20000730

14/5/1 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00122381 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Travel (832863)

TITLE: Booking Online: Improved but Imperfect

AUTHOR: Hobica, George

SOURCE: Mobile Computing & Communications, v11 n3 p55(1) Mar 2000

ISSN: 1047-5567

HOME PAGE: <http://www.mobilecomputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Although the travel sites available on the Web are far from ideal, most continue to improve. For example, Northwest's Web services provide a Lowest Fare Finder. The user can enter any city pair, and the site returns the lowest Northwest fare for the route, as well as complete rules and restrictions. In contrast to US Airways and United Airlines, which require users to register or remember other data, Northwest has no such requirements and always finds the lowest available rate even if a specific date or time of travel is not stated. Northwest's Flight Tools also allows users to sign up for notification by pager or digital wireless phone of a flight's status. Another site that is significantly enhanced, although still needing improvement, is Travelocity. Unfortunately, information is frequently inaccurate (the site frequently lists unbelievably low rates that are fantasy, or it fails to list the lowest fares), but a few nice improvements have been made recently. For instance, the searcher can simply request two cities without selecting a **travel** date, and Travelocity can also **suggest alternative** cities that are a short drive away and offer a lower fare. However, Travelocity's information about one-way fares is underpowered since users cannot search for a date-neutral one-way fare. However, Yahoo!'s travel service does provide this feature.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Internet **Travel** ; Reservation Systems; Portals; **Internet**
Shopping; **Travel**

REVISION DATE: 20010430

14/5/2 (Item 2 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2001 Info.Sources Inc. All rts. reserv.

00108919 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Expedia (636568); Travelocity (669725);
Travelocity (669725); ITN FlightRez (678091)

TITLE: Traveling the information highway

AUTHOR: Needle, David

SOURCE: Upside, v10 n5 p88(8) May 1998

ISSN: 1052-0341

HOME PAGE: <http://www.upside.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

Biztravel, Microsoft Expedia, Preview **Travel** , Travlocity, and the **Internet Travel** Network are the main **Internet travel** sites, but only Biztravel predicts that it will reach profitability in the next two years. Biztravel www.biztravel.com tends to sell its tickets at a higher price than the other sites because its customer base is not seeking the lowest

• fares. Biztravel caters to the small business traveler, the self-managed traveler. Its unique selling point is that it manages the small business **traveler** 's frequent flier mileage and **suggests** hotels, cars , and airlines to maximize mileage credits. Expedia wants to do more than make money. The service is licensing its technology to companies such as American Express, HotBot, and Continental and Northwest Airlines. Expedia is the only travel site that kicks users off if they spend too much time browsing and do not buy. Preview Travel is also taking the approach of making agreements with other companies. It is aiming to be at the major portals of the Internet with its deals with AOL and Excite for a combined \$56 million. TravLOCITY is contemplating expanding into the business travel market with a separate site because it has so many business users. The sites distinguish themselves with content too. Preview, for example, offers 6,000 hours of video travel tapes. New small sites include Flifo, a business-oriented site, TheTrip, a site with data from Frommer's guides, and Travelweb.

COMPANY NAME: Microsoft Corp (112127); Travelocity.com (634018);
GetThere.com Inc (637891)

DESCRIPTORS: **Internet Travel** ; Recreation & Hobbies; Reservation
Systems; Travel

REVISION DATE: 20010331

Set	Items	Description
S1	9119	(TRAVEL???? OR TRIP? ? OR ITINERAR? OR ROUTE OR ROUTES) (5N-) (SCHEDUL? OR PLAN? ? OR PLANN??? OR DESIGN??? OR CONSTRUCT? - OR ARRANG?) OR TRANSPORTATION() DECISION?
S2	486	(INTERMEDIATE? OR MIDWAY OR (MID OR HALF) () (WAY OR POINT? - ?) OR MULTI OR MULTIPLE OR SECONDARY OR INTERVEN? OR INTERJAC- EN?) (4N) (STOP???? OR LOCATION? OR MIDPOINT? OR LAYOVER? OR LA- Y() OVER? OR STOPOVER? OR STOPOFF OR DESTINATION? ?)
S3	546752	DETERMIN? OR CALCULAT? OR COMPUTE OR COMPUTES OR COMPUTING OR COMPUTED OR TOTAL? OR TALLY? OR ALLOW??? OR INCLUD??? OR I- NCORPORAT?
S4	19972	S3(5N) (TIME OR TIMES OR HOUR? ? OR ARRIVAL? ?)
S5	322077	RECOMMEND? OR SUGGEST? OR RANK? OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR EVALUAT? OR RATING OR VALUING OR SCORE? ? OR SC- ORING
S6	93	S5(5N) (METHOD? OR MODE OR MODES OR OPTION? ? OR AIR OR GRO- UND OR RAIL OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR PLA- NE OR PLANES OR CAR OR AUTOMOBILE? ? OR CARS OR ALTERNAT?) (2N-) (TRANSPORTATION OR TRAVEL??)
S7	510	(TRAVEL OR TRIP? ? OR ITINERAR?) (3N) (SOFTWARE OR DATABASE? OR ONLINE OR ON() LINE OR INTERNET? OR WEB OR WEBSITE? OR WEBP- AGE? OR HOMEPAGE? OR HOME() PAGE? ? OR PRODIGY OR OAG OR KIOSK? ?)
S8	0	S1(S) S2(S) S4
S9	2	S1(S) S2(S) (TIME? ? OR ARRIVAL? OR DEPART?)
S10	5	(S1 OR S7) (S) S6
S11	2	S10 NOT PY=1999:2001
?		

9/3,K/1

DIALOG(R)File 634:San Jose Mercury
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09567001

TIPS TO HELP AVOID BUMPS THAT ARISE IN THE BIG TRIP

San Jose Mercury News (SJ) - Sunday, March 8, 1998

By: DONNA KATO , Mercury News Staff Writer

Edition: Morning Final Section: Travel Page: 1H

Word Count: 1,375

...and Monaco and our friend's chateau in southern France before we flew to London and back home.

(box) Is geography the main consideration for **planning multiple - destination trips** ?

We didn't consciously **plan** busy, city adventures followed by restful village jaunts, but luckily, it turned out that way. Next **time** , we would plan it. Now we know it's smart to get to the cities and museums on the first leg of the journey when...

9/3,K/2

DIALOG(R)File 634:San Jose Mercury
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06301235

LONELY? GO SEE THE CHRISTO UMBRELLAS

San Jose Mercury News (SJ) - Sunday, October 27, 1991

By: Mercury News Staff and Wire Reports

Edition: Morning Final Section: Travel Page: 3T

Word Count: 531

... seems to be the turn-around point for most Angelenos, although the umbrellas continue north for several more miles.

Getting to Jordan

(box) The State **Department** warns Americans not to board Air France flight 140 from Paris to Amman, Jordan, and 141 from Amman to Paris, because they make an **intermediate stop** in Beirut, and U.S. passports are not valid for travel to or through Lebanon. The flights are **scheduled** Mondays through Thursdays.

In a **travel** advisory dated Oct. 12, the **department** says a special validation must be obtained to use a passport in Lebanon.

The State Department also warns that, although the potential for violence against...

11/3,K/1

DIALOG(R)File 634:San Jose Mercury
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05547118

FREMONT DOESN'T WANT OR NEED ROUTE 84

SAN JOSE MERCURY NEWS (SJ) - Friday, February 16, 1990
Edition: Alameda County/AM Section: Editorial Page: 6B
Word Count: 325

TEXT:

...and quality of life.

The Citizens Advisory Committee (CAC), appointed by the unanimous vote of Fremont City Council, stated in its recommendations for the general plan update that **Route 84** does not serve Fremont residents and **recommends** using any Route 84 funds for developing **alternative transportation** such as extending BART to the south and implementing commuter rail service to the peninsula.

11/3,K/2

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03561149

SURVEY FOCUSES ON BUSINESS TRAVELERS WORK-RELATED TRIPS REAP MORE REWARDS FOR TRAVEL INDUSTRY

SAN JOSE MERCURY NEWS (SJ) - Sunday, August 3, 1986
By: ALFRED BORCOVER, Chicago Tribune
Edition: Morning Final Section: Travel Page: 5T
Word Count: 861

...rental

The factors for renting an auto were more cluttered. Reasonable rates were the most important factor for 59 percent, convenient location for 53 percent, **recommendation** of travel agent or corporate travel planner for 48 percent, condition of **cars** for 47 percent, speed of check-in and return for 34 percent, large selection and availability of cars for 34 percent, previous experience for 25...
?

STN - TECHNICAL FILES

FILE '1MOBILITY' ENTERED AT 13:27:50 ON 14 MAY 2001

L1 220 SEA (TRAVEL? OR TRIP# OR ITINERAR? OR ROUTE#) (5A) (SCHEDUL? OR
PLAN# OR PLANN? OR DESIGN? OR CONSTRUCT? OR ARRANG? OR
ARRANG?) OR TRANSPORTATION DECISION?

L2 50 SEA (TRAVEL? OR TRIP# OR ITINERAR? OR ROUTE#) (3A) (SOFTWARE OR
DATABASE? OR DATA BASE# OR DATABANK? OR DATA BANK# OR INTERNET?
OR ONLINE OR ON LINE OR PRODIGY OR KIOSK# OR ONBOARD OR ON
BOARD OR WEB OR WEBPAGE? OR WEBSITE? OR HOMEPAGE? OR HOME
PAGE#)

L3 261 SEA L1 OR L2

L4 56 SEA (INTERMEDIATE? OR MIDWAY OR (MID OR HALF) (W) (WAY OR
POINT#) OR MIDPOINT# OR MULTI OR MULTIPLE OR SECONDARY OR
INTERVEN? OR INTERJACEN?) (5A) (STOP# OR STOPP? OR STOPOVER? OR
STOPOFF? OR LAYOVER? OR LAY OVER# OR DESTINATION? OR LOCATION#)

L5 16876 SEA TIME# OR ARRIVAL? OR DEPART?

L6 0 SEA L2 AND L4 AND L5

L7 23882 SEA RECOMMEND? OR SUGGEST? OR RANK? OR RATING OR RATED OR
SCORE? OR SCORING OR PRIORITIZ? OR PRIORITIS? OR WEIGH? OR
EVALUAT?

L8 630 SEA (METHOD? OR MODE? OR TYPE? OR OPTION? OR ALTERNAT? OR AIR
OR GROUND OR RAIL OR TRAIN# OR AIRPLANE# OR AREOPLANE# OR
PLANE OR PLANES OR CAR OR CARS OR AUTOMOBILE#) (3A) (TRANSPORTATI
ON OR TRAVEL##)

L9 630 SEA (METHOD? OR MODE? OR TYPE? OR OPTION? OR ALTERNAT? OR AIR
OR GROUND OR RAIL OR TRAIN# OR AIRPLANE# OR AEROPLANE# OR
PLANE OR PLANES OR CAR OR CARS OR AUTOMOBILE#) (3A) (TRANSPORTATI
ON OR TRAVEL##)

L10 2 SEA L3 AND L7 AND L9
D L10 KWIC 1
D
D L10 BIB,ABS 1-2

FILE HOME

FILE 1MOBILITY

FILE COVERS 1906 TO 3 Apr 2001 (20010403/ED)

1MOBILITY and 2MOBILITY, which together comprise the Global Mobility Database, can be accessed and searched together through the file cluster MOBILITY. Type FILE MOBILITY to enter this cluster.

STN - TECHNICAL FILES

L10 ANSWER 1 OF 2 1MOBILITY COPYRIGHT 2001 SAE
 TI Enabling strategic flight deck **route re-planning**
 within a modified ATC environment: The display of 4-D intent information
 on a CSD
 AB . . . of moving from centralized control and responsibility to
 decentralized control and distributed responsibility for aircraft
 separation. Data from capacity studies **suggest** that we will
 reach our capacity limits with ATC centralized control within the next 2
 decades, if not sooner. Based on these predictions, research on
 distributed air-ground concepts was under taken by NASA Advanced
Air Transportation Technologies Program to identify and
 develop air-ground concepts in support of free-flight operations. This
 paper will present the results of. . . full mission air-ground
 simulation conducted in the NASA Crew Vehicle Systems Research Facility.
 The purpose of the study was to **evaluate** the effect of advanced
 displays with ''intent'' (4-D flight plans) information on flight crew and
 ATC performance during limited free-flight. . . then submitted to ATC
 for approval, and after approval loaded into the autopilot (FMS). Two
 levels of ATC authority were **evaluated** during the study: (1)
 limited authority - ATC would only intervene if a loss of separation were
 imminent; (2) full. . . normally. After loading the new flight plan
 it was data linked to all surrounding traffic. The results of the study
suggest that flight crews with advanced 4-D flight plan
 information can perform strategic self-separation during operations in
 densely populated traffic environments.. . to 3-D and 4-D traffic
 information, display de-clutter features, and the advanced flight
 re-planning tools were positive overall, however they **rated** both
 dial and touch-pad input controls neutral.

=> d

L10 ANSWER 1 OF 2 1MOBILITY COPYRIGHT 2001 SAE
 AN 2000:4744 1MOBILITY
 DN 2000-01-5574
 TI Enabling strategic flight deck **route re-planning**
 within a modified ATC environment: The display of 4-D intent information
 on a CSD
 AU Battiste, Vernol (NASA Ames Research Center); Johnson, Walter W. (NASA Ames
 Research Center); Bochow, Sheila Holland (San Jose State University
 Foundation)
 SO (2000 Oct 10) . Society of Automotive Engineers, Inc., Warrendale,
 Pennsylvania, USA.
 Meeting Info.: World Aviation Congress and Exposition. San Diego,
 California, USA. 2000 Oct 10 - 2000 Oct 12.
 CY United States
 DT Conference Article; (Technical Paper)
 FS SAE
 LA English

=> d 110 bib,abs 1-2

L10 ANSWER 1 OF 2 1MOBILITY COPYRIGHT 2001 SAE
 AN 2000:4744 1MOBILITY
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 TI Enabling strategic flight deck **route re-planning**
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AU Battiste, Vernol (NASA Ames Research Center); Johnson, Walter W. (NASA Ames Research Center); Bochow, Sheila Holland (San Jose State University Foundation)

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Meeting Info.: World Aviation Congress and Exposition. San Diego, California, USA. 2000 Oct 10 - 2000 Oct 12.

CY United States

DT Conference Article; (Technical Paper)

FS SAE

LA English

AB The concept of free flight introduces many challenges for both air and ground aviation operations. Of considerable concern has been the issue of moving from centralized control and responsibility to decentralized control and distributed responsibility for aircraft separation. Data from capacity studies **suggest** that we will reach our capacity limits with ATC centralized control within the next 2 decades, if not sooner. Based on these predictions, research on distributed air-ground concepts was under taken by NASA Advanced **Air Transportation** Technologies Program to identify and develop air-ground concepts in support of free-flight operations. This paper will present the results of a full mission air-ground simulation conducted in the NASA Crew Vehicle Systems Research Facility. The purpose of the study was to **evaluate** the effect of advanced displays with 'intent' (4-D flight plans) information on flight crew and ATC performance during limited free-flight operations. To assess the value of 4/D intent information (flight plans) flight crews performed real-time, strategic, flight path re-planning with and without flight plan information on surround traffic during en route free flight operations. To support the re- planning task flight crews used an enhanced cockpit situation display (CSD) and a route assessment tool to identify traffic conflicts and develop alternative de-conflicted flight plans. The modified de-conflicted flight plan was then submitted to ATC for approval, and after approval loaded into the autopilot (FMS). Two levels of ATC authority were **evaluated** during the study: (1) limited authority - ATC would only intervene if a loss of separation were imminent; (2) full authority - ATC would run the sector as they would normally. After loading the new flight plan it was data linked to all surrounding traffic. The results of the study **suggest** that flight crews with advanced 4-D flight plan information can perform strategic self-separation during operations in densely populated traffic environments. And when ATC remains in the information and approval loop, flight deck strategic self-separation is not disruptive to normal ATC sector operations. The results also showed that when flight crews had access to 4-D flight plan information they were more efficient and their workload was reduced; they made smaller deviations for traffic, reduced their trip length for non-traffic related maneuvers, and had fewer ARAT (advanced route assessment tool) events. Crew responses to 3-D and 4-D traffic information, display de-clutter features, and the advanced flight re-planning tools were positive overall, however they **rated** both dial and touch-pad input controls neutral.

L10 ANSWER 2 OF 2 IMOBILITY COPYRIGHT 2001 SAE

AN 95:3308 IMOBILITY

DN 1994-16-0023

TI Minnesota Guidestar Project Travlink

AU Wright, James L. (Minnesota Dept. of Transportation); Nookala, Marthand (Minnesota Dept. of Transportation); Robinson, Ferrol O. (Strgar-Roscoe-Fausch, Inc.)

SO (1994 Apr) . Intelligent Transportation Systems, Washington, DC, USA.
Meeting Info.: Moving Toward Deployment--Proceedings of the IVHS America 1994 Annual Meeting. Atlanta, Georgia, USA. 1994 Apr 17 - 1994 Apr 20.

CY United States

DT Conference Article; (Technical Paper)

FS ITS

LA English

AB Minnesota Guidestar's project Travlink is an Operational Test of an integrated Automatic Vehicle Location (AVL)/Advanced Traveler Information System (ATIS) on I-394, a major corridor in the Minneapolis-St. Paul urban area. Minnesota Guidestar, the state's program for IVHS, is conducting the project.

The Travlink project is: --Installing an Automatic Vehicle Location system using global positioning system (GPS) technology on 80 buses operated by the Metropolitan Transit Commission (MTC). --Distributing real-time transit and traffic information to the public via videotext terminals in up to 1,000 homes and offices. --Distributing real-time information to major activity centers including shopping centers and transit centers via "smart" electronic kiosks, display monitors and electronic signs.

The traveler information system will help users to **plan** a bus **trip** (which bus to take, **schedules**, etc.), find out if their bus is on-time, learn about traffic conditions (incidents, delays, construction and weather), as well as special event transportation information. The ATIS will also provide travelers with travel time and cost comparisons of bus and auto travel.

Travlink is designed to provide commuters with more timely and accurate information for their travel decisions. The primary objective is to test the extent to which improvements in the quality and availability of transit information can positively influence individuals to consider **alternatives** to single-occupant **travel**.

In addition to these customer-oriented objectives related to the ATIS, operations-oriented objectives will be **evaluated** including the impact of AVL on MTC transit service efficiency and quality such as on-time performance, incident management and scheduling. In addition, the Operational Test will **evaluate** the performance of the selected technologies in a real-world environment including accuracy, functionality and reliability.

Travlink is relying extensively upon public-private partnerships. The FHWA, FTA, Minnesota Department of Transportation, Twin Cities Regional Transit Board, and the MTC are providing financial and staffing resources. Several private partners, including Westinghouse, US West and 3M are contributing significant levels of hardware, software and engineering to the project.

Preliminary engineering for Travlink has recently been completed. The system is being phased in during spring and summer, 1994. The core infrastructure includes the CAD/AVL and ATIS systems supported by a data processing and communications network for the collection, enhancement and distribution of data.

The Travlink Operational Test is scheduled to start Fall, 1994 and will be conducted for one year. Formal **evaluation** will occur during and after the Operational Test. This paper describes project objectives, the system definition, market research activities, project schedule and public-private partnerships in Travlink.